**NOTIFICATION**

**No. : 65 /2017** **Date : 29 June, 2017**

**Subject : Implementation of Syllabi of Various Course Subjects as per Semester and Credit Grade System in the Faculty of Humanities / Interdisciplinary Studies from the Session 2017-2018 and onwards.**

It is notified for general information of all concerned that the authorities of the University has accepted the Syllabus of the following various courses / subjects as per Semester and Credit Grade System as mentioned in Column No. 2 which are to be implemented from the session 2017-2018 and onwards with appendices which are attached herewith as shown in column No. 3 of the following table.

**TABLE**

| Sr.No. | Course / Subjects | Appendices of the New Syllabi |
|---|---|---|
| 1. | 2. | 3. |
| | **Faculty of Humanities :** | |
| | A) **M.A. Part-I (Sem. I & II)** | |
| 1. | History | The Syllabi prescribed for M.A. Part-I (History) which is appended herewith as **Appendix - 'A'** |
| 2. | Economics | The Syllabi prescribed for M.A. Part-I (Economics) which is appended herewith as **Appendix - 'B'** |
| 3. | Political Science | The Syllabi prescribed for M.A. Part-I (Political Science) which is appended herewith as **Appendix - 'C'** |
| 4. | Philosophy | The Syllabi prescribed for M.A. Part-I (Philosophy) which is appended herewith as **Appendix - 'D'** |
| 5. | Geography | The Syllabi prescribed for M.A. Part-I (Geography) which is appended herewith as **Appendix - 'E'** |
| 6. | Home Economics | The Syllabi prescribed for M.A. Part-I (Home Economics) which is appended herewith as **Appendix - 'F'** |
| 7. | Psychology | The Syllabi prescribed for M.A. Part-I (Psychology) which is appended herewith as **Appendix - 'G'** |
| 8. | Sociology | The Syllabi prescribed for M.A. Part-I (Psychology) which is appended herewith as **Appendix - 'H'** |
| 9. | Yogshashtra | The Syllabi prescribed for M.A. Part-I (Yogshashtra) which is appended herewith as **Appendix - 'I'** |
| | **Faculty of Interdisciplinary Studies :** | |
| 10 | B) Master of Library & Information Science (Sem. I & II) | The Syllabi prescribed for the Course Master of Library and Information Science (M.Lib.Sci.) which is appended herewith as Appendix - 'A' |
| 11. | C) M.A. (Journalism and Mass Communication) (Sem. I & II) | The Syllabus prescribed for the Course Master of Arts (Journalism and Mass Communication) which is appended herewith as Appendix - 'A' |

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Sant Gadge Baba Amravati University

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**Appendix-A**

**Syllabus Prescribed for**
**M.A. Part I &Part II Examination**
**History**

**(Implemented from 2017-2018 Session)**

**Semester-I**
Paper-I-Historiography
Paper-II-Ancient India (From Earliest Time to 606A.D.)
Paper-III- India under the Sultanate Period (1206to1526A.D)
Paper-IV- Modern World(1871-1945A.D.)

**Semester-II**
Paper-I – Trends and Theories of History
Paper-II- Ancient India (606to 1206A.D.)
Paper-III- India under the Mughals (1526 to 1707A.D)
Paper-IV- Contemporary World (1945to2000A.D.)

**Semester-III**
Paper-I History of India (1857 to 1947 A.D.)
Paper-II History of Marathas (1600 to 1707 A.D.)
Paper-III Women in Indian History
**OR**
Paper-III HeritageTourism

Paper-IV History of Social Movement in Maharashtra (1848-1980A.D.)
**OR**
Paper-IV –State in India (Ancient &Medieval India)
**OR**
Paper IV History of Vidarbha (1857-1920)

**Semester-IV**
Paper-I Post Independent India (1947-2000 A.D.)
Paper-II History of Marathas (1707-1818 A.D.)
Paper-III Indian Women Since Independence

**OR**
Paper-III – Heritage Tourism
Paper-IV – Social Reformers of Maharashtra (1848-1980A.D.)

**OR**
Paper-IV –State in India (1757-1950 AD)

**OR**
Paper IV - History of Vidarbha (1920-1960)

**Objectives:**

The students shall have an integrated view of the process of change in the Social and Cultural Patterns along with the Polity and Economy.

**Notes:**

1. The Syllabi prescribed is divided in to Five unites per Paper.
2. One question from each unit of each paper will have to be answered.
3. Four periods per paper (which is equal to six lectures) shall be provided.
4. For each paper100 Marks, divided as 80+20 for Semester End Examination and Assignment/Project/ Seminarare allotted.
5. Facilities of excursion tours for the students are made available once in a year. The financial burden shall have to be borne by the Participants.
6. The student will have to offer one paper eachfrom the options available as paper III and IV for Semester III and IV Examination, provided that the particular paper is being taught to the regular students at colleges.

**Semester-I**
**Paper-I**
**Historiography**

Total Marks : 100
Theory : 80
Int.Ass. : 20

**Unit-I**

1) Meaning of Historiography, Nature and Scope of History
2) Auxiliary Sciences of History
3) Kinds of History

**Unit-II**

1) History as an Art and a science
2) Sources of History and their relative importance
3) Collection and selection of Data: Foot notes, Bibliography.

**Unit-III**

1) Internal and External Criticism,
2) Causation in History
3) Rewriting of History.

**Unit-IV**

1) Ancient Tradition:Ancient Indian Tradition, Greco- Roman, Chinese Tradition
2) Medieval Historiography: Indian –Sultanate , Mughal and Maratha
3) Western, Arabic and Persian History writing

**Unit-V**

1) Classical Marxism – Karl Marx.
2) Annals-Marc Bloch, Fernand Braudel
3) Positivism – August Comte, Ranke

**Reference Books** :

1) Introduction to the study of History : Langlois&Seignbos
2) History : Its Theory and Practice : B. Shaikh Ali
3) Study of History : A Toynbee
4) History of Historiography : Shot Weel
5) Historians and Historiography in Modern India :S. P. Sen.
6) Historiography of Modern India : R. C. Mujumdar
७) इतिहासाचे स्वरूप आणि अभ्यास - वळसंगकर
८) इतिहासाचे तत्वज्ञान - सदाशिव आठवले
९) इतिहास लेखनशास्त्र - गायकवाड, सरदेसाई, हनमाने
१०) इतिहास लेखनशास्त्र - सुहास राजदेकर
११) इतिहास लेखनशास्त्र - प्रा. प्रकाशचंद्र व्यास
१२) इतिहास लेखनशास्त्र व इतिहासकार- डॉ. साहेबराव गाठाळ
१३) संशोधकांचा मित्र - ग.ह. खरे
१४) इतिहास : स्वरूप एवं सिद्धांत - (संपा) गोविंदचंद्र पांडे
१५) इतिहास क्या है ? - इ.एच कार

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**Semester-I**
**Paper-II**
**Ancient India (From Earliest time to 606 A.D.)**

Total Marks : 100
Theory: 80
Int.Ass. : 20

**Unit-I**

1) Sources: Literature, Archaeology, Epigraphy, Numismatics, accounts of Foreign Travelers.
2) Prehistory: The Geographical setting of Ancient India, Paleolithic and Mesolithic Culture; and Rock art; Early Farming Communities; Neolithic and Chalcolithic Village Culture.
3) Protohistory: Bronze Age : First Urbanization-The Harappan Civilization; early Harappan, Mature Harappan, late and Post Harappan.
4) Early historic India; Vedic age-society, polity, economy and religion as reflected in Vedic Literature, Iron Age: Megalithic Culture.

**Unit-II**

1) Later Vedic age: Economic Developments, Social Stratification – beginnings of Varnashram ,Jati, Gender, Marriage, Property relations , Sanskaras.
2) Janapadasand Mahajanpadas: territorial states- monarchical and gana-sanghas; craft production ,trade and coinage.
3) Religious movements: Jainism, Buddhism, Ajivikas and other sects; second urbanization; urban centers; new classes; and changing social relations.
4) Iranian and Macedonian Invasions: Iranian Invasion-results of contact; Alexander's invasion and its effects.

**Unit-III**

1) The Mauryan Empire: Nandas and Mauryas : Polity- Nature and extent, centralization and foreign relations; Economy-trade and trade routes, currency and coinage; art and architecture.
2) Ashoka'sDhamma.
3) Post Mauryan developments; Sungas and Kanvas; Indo- Greeks and saka- Pahalvas-Social condition.
4) State formation in central India and in the Deccan: Satavahanas and western Kshatrapas-land grants and agricultural expansion; trade and trade guilds; Indo- roman trade; coins and currency; art and architecture; sculpture and cave paintings.

**Unit-IV**

1) Kushanas: society; religion, art, architecture and sculpture- Gandhara, Mathura, Amravati; interactions with Central and Western Asia; trade and trade routes, including silk routes and spice routes; coins and currency.
2) Society and religion; peasantization of tribes; assimilation of incoming people; spread of Jainism and Buddhism, emergence of MahayanBuddhism,vaishnava and saiva forms of worship; beginning of Tantricism, Literature.
3) Sangam age: Chiefdoms; Literature; society; Indo- Roman trade; and integration of cultures.

**Unit-V**

1) Age of the Guptas: political consolidation –extent and structure.
2) Polity: administrative organization, Provincial and feudatory states.
3) Economy: land grants, expansion of agriculture; coinage and currency system; trade.
4) Society: Agrarian structure of villages; urban pattern; Religion: revival ofvedic and puranic traditions, temples; cultural contacts with Central Asia.
5) Cultural developments; art, architecture, sculpture, paintings; Sanskrit literature,science& Technology.
6) Vakatakas: land grants; art and architecture; paintings; society; and religion.

**Reference Books :**

1. The Archaeology of India-D.P. Agrawal
2. Social Dimensions of Early Buddhism- Uma Chakravarti
3. History of Science and Technology in Ancient India- B.D. Chatopadhyaya
4. The Art and Architecture of the Indian Subcontinent-J.C.Harle
5. Economy and Society in Early India - D.N.Jha
6. An Introduction to the Study of India History - D.D. Kosambi
7. History and culture of the Indian People - R.C. Mujumdar
8. Social Roots of Religion in Ancient India -R.N. Nandi
9. Political History of Ancient India - H.C.Rayachaudhari
10. Land System and Rural Society in Early India - B.P. Sahu
11. Ashok and Decline of the Mauryas - RomilaThapar
12. Ancient Indian social History - RomilaThapar
13. History of Indian Literature - M. Winternitz
14. Material Culture and Social Formations in Ancient India - R.S.Sharma
15.Frontiers of the Indian Civilization - B.B. Lal, S.P. Gupta
16. History and Culture of Indian People Vols. 1 to5 (Vakataka Gupta Age)- R.C. Mujumdar
17. Introduction to the study of Indian History -D.D. Kosambi
18.The Indian Civilization - R.E.M.Wheeler
19. The age of Nandas and Mauryas - K.A.N.Shastri
20. The Age of Imperial Guptas - R.D. Banerjee
21. The Vakataka and Gupta Age - R.C. Mujumdar
22. Chandragupta and his times - R.C. Mukerji
23. Kingship in India: from Vedic age to Gupta age - Ravinder Sharma
24. State and Government in Ancient India. Position of women in Hindu Civilization- A.S. Altekar
25. Economic life and progress in Ancient India - N.C. Bandopadhyaya
26. Sources of Land and society in Ancient India - N.C.Sengupta
27. Slavery in Ancient India - DevralChanna
28. History of Dharnashastras - P.V. Kane.
29. The Archaeology of India - D. P. Agrawal
३०. प्राचीन भारतीय सभ्यता तथा संस्कती का विकास - बी.एन. लुनिया
३१. प्राचीन भारत – रमाशेंर त्रिपाठी
३२. प्राचीन भारत की शासन प्रणाली – अलतेंर, मुजूमदार
३३. प्राचीन भारत – व्ही.डी. महाजन
३४. प्राचीन भारतीय संस्कृती – अ.रा. कुलकर्णी
३५. वाकाटक नृपती आनि त्यांचा काळ – वा.व.मिराशी
३६. प्राचीन भारत – सत्यकेतू विद्यालंकार
३७. प्राचीन भारताचा इतिहास – अनिल सिंगारे
३८. दक्षिण भारताचा इतिहास – अनिल सिंगारे
३९. भारतीय कला – श्री. म. माटे
४०. प्राचीन महाराष्ट्रातील कला – महाडीक जी.एस
४१. सातवाहन कालीन महाराष्ट्र – रा.श्री. मोरवंचीकर
४२. प्राचीन भारत – पी.जी. जोशी
४३. प्राचीन भारत – सोमनाथ रोडे

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**Semester-I**
**Paper-III**
**India under the Sultanate Period (1206 to 1526 AD)**

Total Marks : 100
Theory: 80
Int.Ass. : 20

**Unit-I**

1) Sources of the history of the Sultanate Period
2) Foundation and Consolidation of the Sultanate: Aibak, Iltutmish, Razia Sultan, Bulban
3) Rise of Khilji's: AlauddinKhilji's administrative and economic reforms, military reforms and Deccan policy

**Unit-II**

1) Tughlaqs: Mohammod-bin-Tughlaqand Feroz Shah Tughlaq: administrative and economic reforms and impact, Timur's Invasion.
2) The Sayyad and Lodhi Dynasties.
3) Theory of Kingship, Administration, causes of the decline of the Delhi Sultanate.
4) Bahamani and VijaynagarKingdoms: Society and economy

**Unit-III**

1) Agrarian economy and the state: The village community and peasantry, management of waterresources, revenue system, agricultural technology and crop patterns.
2) Trade commerce and the monetary system, trade routes and pattern of inland commerce, maritime trade, Role of Arab and European traders, Indian merchants, currency, coinage andbanking market regulations.
3) Cities and Towns: Administration of cities and towns, urban communities, merchants,bankers, artisans, craftsmen and labourers.
4) Industries and production technology: Urban economy, crafts, textile industries, agroindustries, metal technology, mercantile groups, imperial karkhanas.

**Unit IV**

1) Social condition: Ruling elites, Muslim community, Hindu community, Slavery, labour class, untochability
2) States of Women : Property rights, marriage, Sati, Parada, devadasi
3) Education: Pattern of education, Institutions- Madarasa, temple schools, craft-training, tradition of arts.
4) Socio-religious reform movements: Bhakti Movement and Sufi movement.

**Unit V**

1) Architectural traditions in India: Evolution of Indo-Islamic style during Sultanate period.
2) Regional architecture and sculptures: Vijaynagar, Bahamani, Rajputana, Sharqi and Sur.
3) Language and literature

**Reference Books :**


1. Chopra P.N. - A Socio –Economic and Cultural History of Medieval India
2. Day V. N. - The Government of Sultanate
3. Habibullah - Foundation of Muslim rule in India
4. Habib Irfan - (ed)Medieval India,Research in the History of India,1200-1750 (Delhi OPP. 1992)
5. Habib. Mohammad - Politics and Society in Early Medieval period Vols.I&II (Delhi OUP. 1974)
6. Jackson P. - The Delhi Sultanate (Cambridge university, Press circulated through Foundation Press Delhi 1999)

7. Karashima N. Towards a new Formation; South Indian Society under Vijaynagar (Delhi. OUP 1992)
8. Mahalingam T.V. - Economic Life in the Vijaynagar Empire (Madras 1951)
9. Ashraf K.M. - Life and conditions of the People of Hindustan (1200-1550A.D.) (Delhi, Munshiram Monoharilal.1970)
10. BabrasVijaya - Position of women(Yadao Period)
11. Chaudhari K.N. - Trade and Civilization in the Indian Ocean: An Economic History From Rise of Islam to1750 (Delhi Munshiram Manoharrilal.1985
12. Chitnis K.N. -Glimpses of Medieval Indian Ideas and Institutions (2nd Ed.) Pune 1981
13. Chitnis K.N. - A Socio-Economic and cultural History of Medieval India.
14. Rizvi, Syed Athar Abbas - History of Sufism. Vol. I (Delhi MunshiramManoharlal 1983)
15. Satish Chandra - MedievalIndia:Society:TheJahngirdari Crisis and the village(Delhi Macmillan.1982)
16. Shrivastava A.L. - The Sultanate of Delhi.
17. Moreland W.H. Agrarian System of Muslim India
18. Raychoudhary S.C. - Social Cultural and Economic History of India
१९.चिटनीस कृ.ना. - मध्ययुगीन भारतीय संकल्पना व संस्था ।
२०. सेतू माधवराव प ाडी - सुफि संप्रदाय
२१. डॉ.नलिनी टेंभेकर – प्राचीन व मध्ययकालीन भारतीय राज्य
२२. के.एल. खुराना- भारत कासामाजीक एंव आर्थिक इतिहास
२३. आशिर्वादिलाल श्रीवास्तव - दिल्ली सल्तनत
२४. डॉ.विपीन बिहारी सिंन्हा – दिल्ली सल्तनत
२५. विद्याधर महाजन - मध्ययकालीन भारत

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**Semester-I**
**Paper-IV**
**Modern World (1871-1945 A.D.)**

Total Marks : 100
Theory: 80
Int.Ass.: 20

**Unit-I**

1) Growth of Capitalism and Imperialism
2) Origin of First world War;BismarckianDiplomacy ;eastern question, Powerblocks and alliances, Nature of the world war I
3) Americas entry in the Eorld War I; its impact

**Unit-II**

1) Peace settlement and its long term consequence.
2) The Russian Revolution
3) League of Nation: Achievement and failures

**Unit-III**

1) The Rise of Fascism in Italy;foreign policies of Italy
2) The rise of Hitler and Nazism; foreign policies of Germany
3) Foreign policy of England (1919-1939)

**Unit-IV**

1) Militarism in Japan; foreign policies of Japan
2) Foreign policy of France (1919-1939)
3) Foreign policy of U.S.S.R.(1919-1939)

**Unit-IV**

1) Origin, Nature and Results of the World war II
2) Entry of the USA in the world war II
3) War time conferences (1939-45)
4) Nationalist Movements and Decolonization

**Reference Books :**


1. A History of Modern Times - C.M.D. Kettleby
2. European History Since 1870 - F.W. Benns
3. Europe Since 1870 - Sidney H. Zabol
4. The Age of Conflict, 1914 to Present -Alberg and Alberg
5. International relations (Part I and Part II) - M.G.Gupta
6. The World Since 1919 - W.C. LAngsam
7. Modern World History - Morman Lowe
8. International Relation between the two World Wars - E.H. Car
9. History of Modern Europe - V.D. Mahajan
10. Modern World - B. V. Rao


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**SEMESTER-II**
PAPER-I

**Trends and Theories of History**

Total Marks: 100
Theory: 80
Int.Ass : 20

**Unit-I**

1) Imperialist History Writing – James Mill, Grant Duff.
2) Nationalist History Writing -.R.C. Mujumdar, K.P. Jayswal.

**Unit-II**

1) Orientalist History Writing – William Jones, Alexander Cunnigham.
2) Marxist History Writing:R.S.Sharma, D.D.Kosambi.

**Unit-III**

1) Theological History Writing :Saint Augustine.
2) Subaltern History Writing: Antonio Gramsci,MahatmePhule, RanjitGuha, SharadPatil

**Unit-IV**

1) Cyclical Theory of History –GiambattistaVico, Toynbee
2) Comparative Approach to History – RomilaThaper.
3) Ecological Approach to History – RamchandraGuha.

**Unit-V**

1) Themes in Indian History: Religion And Culture, Varna, Caste and Gender.
2) V. K. Rajwade, J. N. Sarkar, R. C. Dutt, G.S. Sardesai, Jawaharlal Nehru, B.R. Ambedkar.

**Reference Books :-**

1) An Introduction to the Philosophy of History: W.H. Walsh.
2) Modern Historians: C.H. Williams.
3) The Idea of History: R.G. Collingwood.
4) An Introduction to the study of History: W.H. Walsh.
5) Theories of History: Patrick Gardiner.
6) Philosopy of History: DharmendraGoael.
7) History and Historian in 19th century: G.P. Goach
8) इतिहास दर्शन - झारखंड चौबे
9) इतिहास दर्शन - कोलेश्वर रॉय
10) इतिहास दर्शन - बुद्ध प्रकाश
11) इतिहास दर्शन - परमानंदसिंह
12) इतिगास का सिद्धांत एवं पद्धतीयॉ- डॉ. ए.सि.वाचाळ
13) इतिगास का इतिहास – गार्डन चाईल्ड
14) भारतीय इतिहास लेखन – मोहम्मद अक्रम लॉरी
15) इतिगास -लेखन धारणाएँ तथा पद्धतीयॉ डॉ. के. एल. खुराना ; बन्सल

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**SEMESTER-II**
**PAPER-II**
**Ancient India (606 to 1206 A.D.)**

Total Marks : 100
Theory : 80
Int.Ass.: 20

UNIT-I:
1) Sources: Literature: archaeology; epigraphy, numismatics; accounts.
2) Vardhanempire: Harshavardhan- political system and administrative institutions;patronage to Buddhism.
3) Peninsular India: Chalukyas and Pallavas –polity, society; and economy; cultural developments with special reference to art and religion.

UNIT-II:
1) Post–Vardhan India; Gurjaras, Pratiharas&Palas; thae polity and economy; their contribution towards culture.
2) Dynasties of Central, Western &Deccan India: Eastern Chalukyas, Rastrakutas and Yadawas in Deccan.
3) Invasions of the Arabs, Ghazanavids and Ghorids; nature and their impact.

UNIT-III:
1) Post- Vardhan polity; political structure and forms of legitimation
2) Nature of regional policies- northern and eastern India; western and central India, and Deccan and South India.

UNIT-IV:
1) Post Vardhan Economy: Agrarian economy- Land grants; agricultural expansion; agrarian organization; peasants; intermediatariesand landed magnats; irrigation and technology.
2) Urban economy: Trade and trade routes, Inter-regional and maritime trade; trade contacts with South East Asia and West Asia; urban settlements; trade and craft guilds; forms of exchange ; coinage and currency; interest and wages; and traders, merchants and craftsmen.

UNIT: V

1) Society: social stratification , proliferation of castes; untouchability, status of women, matrilineal system; marriage, property rights; inheritance ,educational ideas and institutions, everyday life, migration and settlement of Aryan groups in different regions of India.
2) Religions: Bhakti movements, Shaivism, Vaishnavism, Tantricism, Jainism, Buddhism, Islam, and popular religious movements.
3) Literature: Sanskrit, Pali-Prakrit, Tamil and Apabhransha; Rise of regional languages and literature: Marathi, Kannada, Telugu and other languages.
4) Art and Architecture: temple architecture; evolution of regional styles; sculpture; bonzes; and paintings, Science and technology.

**References:-**

1. The Archaeology of India-D.P. Agrawal
2. History of science and Technology in Ancient India- B.D. Chatopadhyaya
3. The Art and Architecture of the Indian Subcontinent-J.C.Harle
4. Economy and society in Early India- D.N.Jha
5. An introduction to the study of India History- D.D. Kosambi
6. History and culture of the Indian People- R.C. Mujumdar
7. Social Roots of Religion in ancient India-R.N. Nandi
8. Political History of ancient India- H.C.Rayachaudhari
9. Land system and rural society in early India- B.P. sahu
10. Ancient Indian social History- RomilaThapar
11. History of Indian Literature – M. winternitz
12. Material culture and social formations in ancient India- R.S.Sharma
13. Frontiers of the Indian civilization- B.B. Lal, S.P. Gupta
14. Introduction to the study of Indian History-D.D. Kosambi
15.The Indian civilization – R.E.M.wheeler
16. Chandragupta and his times- R.C. Mukerji
17. State and Government in Ancient India. Position of women iln Hindu Civilization- A.S. Altekar
18. Economic life and progress in ancient India- N.C. Bandopadhyaya
19. Sources of Land and society in ancient India- N.C.sengupta
20. Slavery in Ancient India- devralChanna
21. History of Dharmashastras- P.V. Kane
22. The Archaeology of India – D. P. Agrawal
23.Early history of Deccan- R.G.Bhandarkar
24. Historyof south India- NilkanthShashtri
25. Harsh Vardhan- R.K. Mukharji
26. History of Rajputana – S.H. Ojha
27. History of GurjarPratiharas- B.N. Puri
28. rashtrakutas and their tilmes – A.S. Altekar
29. Wonder that was India- A.L. Basham
30.Hindu Colonies in the Far East- R.C. Mujumdar
31.Yadavas and their times –O.P. Verma
३२. प्राचीन भारतीय सभ्यता तथा संस्कती का विकास - बी.एन. लुनिया
३३. प्राचीन भारत – रमाशेंर त्रिपाठी
३४. प्राचीन भारत की शासन प्रणाली – अलतेंर, मुजूमदार
३५. प्राचीन भारत – व्ही.डी. महाजन
३६. प्राचीन भारतीय संस्कृती – अ.रा. कुलकर्णी
३७. वाकाटक नृपती आनि त्यांचा काळ – वा.व.मिराशी
३८. प्राचीन भारत – सत्यकेतू विद्यालंकार
३९. प्राचीन भारताचा इतिहास – अनिल सिंगारे
४०. दक्षिण भारताचा इतिहास – अनिल सिंगारे
४१. भारतीय कला – श्री. म. माटे
४२. प्राचीन महाराष्ट्रातील कला – महाडीक जी.एस
४३. सातवाहन कालीन महाराष्ट्र – रा.श्री. मोरवंचीकर
४४. प्राचीन भारत – पी.जी. जोशी
४५. प्राचीन भारत – सोमनाथ रोडे

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**SEMESTER-II**
**PAPER-III**
**India Under the Mughals (1526-1707 AD)**

Total Marks : 100
Theory : 80
Int.Ass.: 20

**Unit I**

1) Sources of Mughal period: Literary and archaeological.
2) Babur: Battle of Panipat, Khanwa, and Ghagra-their causes and significance.
3) Humayun: Relation with Bahadurshaha and Sher Shah Suri
4) Shershah and his reforms, its significance.
5) Akbar: Second Battle of Panipat, Rajput Policy, Deccan Policy, Religious Policy

**Unit II**

1) Jahangir : Deccan Policy; Nurjahan's reforms
2) Shah Jahan: Golden age of Mughal period.
3) Aurangzeb- His war of succession,Deccan policy,Religions policy
4) Disintegration of Mughal Empire

**Unit III**

1) Mughal Administration and Theory of Kingship,Mansabdari System
2) Mughal revenue system.
3) Agrarian economy and the state: The village community and peasantry, management of waterresources, agricultural technology and crop patterns.

**Unit IV**

1) Trade commerce and the monetary system, trade routes and pattern of in land commerce, maritime trade, role of Arab and European traders, Indian merchants, currency, coinage and banking-market regulations.
2) Growth of Cities and Towns: Administration of cities and towns, urban communities, merchants, bankers, artisans, craftsmen and labourers.
3) Industries and production technology: Urban economy, crafts, textile industries, agroindustries, metal technology, mercantile groups, imperial karkhanas.

**Unit V**

1) Social condition: Mughal ruling classes, Muslim community, Hindu community, Slavery, labour class, untochability
2) States of Women: Property rights, marriage, Sati, Parada,devadasi
3) Religious Movements: Bhakti Movement, Sufism, Sikhism, MahanubhavSampraday.
4) Education: Pattern of education, Institutions- Madarasa, temple schools, craft, training, tradition of arts
5) Arts and Architecture, Languages and literature- Sanskrit, regional languages, Persian languages and literature.

**Reference Books**

1. Chopra P.N. A socio –Economic and cultural History of Medieval India
2. Chopra P.N. Life and letters under the Mughals. Agra 1955
3. Chopra P.N. Some Aspects of Society and culture during the Mughal age (1526-1707)
4. Elliot and Downson: History of India .
5. Fukazawa, Hiroshi: The Medieval Deccan: Peasants, social systems and states, sixteenth to eighteenth centuries. Edn. 17 ( Delhi. OUP.1991)
6. Hussaini S.A O. : Administration under the Mughals,Dacca. 1952
7. Koch Ebba :Mughal Art and Imperial ideology(MunichPrestel 1999
8. Moosvi, Shreen: Economy of the Mughal Empire:A statistical stydy (Aligarh. AMU.1987)
9. Moreland W.H. : From Akbar to Aurangzeb: Astudy in Indian Economic History (Delhi. LOW price publication. 1990
10. Naqvi H.K.:Urbanisation and urban centres under the Great Mughals 1561-1707(Simla.II As 1971)
11. Pant : Economic History of India Under the Mughals
12. Richards J.F. : The Mughal Empire (Delhi Foundation Books, 1993
13. )Sarkar,Sir J. N.: Mughal Administration(Calcutta 1963
14. ) Satish Chandra : Medieval India.

१५. इरूफान हबिब – मुगल कालिन भारत, भाग १ ते ५
१६. आशिर्वादिलाल श्रीवास्तव - मुगल भारत
१७. डॉ.नलिनी टेंभेकर – प्राचीन व मध्ययकालीन भारतीय राज्य
१८. के.एल. खुराना- भारत कासामाजीक एंव आर्थिक इतिहास
१९. एल.पी. शर्मा - मध्यकालीन भारत
२०. डॉ.विपीन बिहारी सिंन्हा - मुगल भारत
२१. विद्याधर महाजन - मध्ययकालीन भारत

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SEMESTER II
PAPER IV
Contemporary World:1945-2000

Total Marks : 100
Theory : 80
Int.Ass.: 20

Unit I:

1) Ideological and political basis of cold war: pacts and treaties.
2) The UNO : the genesis of the concept of world peace , organs and functions, role in the regional tensions –Palestine, Kashmir, Cuba, Korea, Vietnam.
3) Non-Alignment Movement and the Third World: Origin and progress.

Unit II:

1) Post war problems of Germany –the establishment of FRG and GDR; Berlin Crisis.
2) Communist revolution in China and its impact on world politics.
3) Genesis and process of disintegration of USSR: its impact on society and politics.
4) Recession of communism.

Unit III:

1) Fall of communist regimes in East European countries.
2) Socialism in decline.
3) Organization of African Unity, genesis growths and achievements.

Unit IV:

1) Civil Rights Movement, Apartheid and Feminism.
2) Progress in science and technology: Space Research communication and information.
3) Formation of European Union.

Unit V:

1) Rise of unipolar world.
2) Reunifieation of Germany, Kuwait Crisis.
3) Globalization and its economic and political impact.

**Suggested Readings:**

1. Origins of the cold war: D. F. Fleming, Vol. I and II
2. Emergence of Africa, W.E.F. Ward
3. Imperatives of Non-Alignments, (Delhi, Macnillan, 1976)
4. The Soviet Block : Unity and Conflic, Z.K. Brezezinski
5. Contemporary World Problems, N.L. Hill
6. Twentieth Century World, L.P.Mathur
7. Globalisation, Malcoin Waters
8. American Foreign policy since World War II, John Spanier
9. Europe in the 19th and 20th Centuries, E. Lipson

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**Appendix-B**

**SYLLABUS**
**PRESCRIBED FOR M. A. ECONOMICS EXAMINATION**

**INSTRUCTIONS**
1 .All questions are compulsory
2 .All questions carry Equal Marks [Each question SIXTEEN Marks]

1. Student will have to solve TWO long questions from any two of the five units. Each of these broad questions carries SIXTEEN Marks. 2 X 16 = 32
2. Student will have to solve TWELVE Short Questions in all choosing four questions from each of the THREE units out of the total five. Each short question carries Four Marks [Internal Choice is available] 12 X 4 = 48
3.

Total = 80

**Internal Examination (20 Marks)**

| | | |
|---|---|---|
| 1 Assignments / Industrial Tour | - | 10 Marks |
| 2 Viva – Voce | - | 10 Marks |

**Notes:** At P.G. Level, Group-A both papers are compulsory and for Group-B, among all these papers, any Two Papers can be Optional Papers. For each paper, Four Periods per week are prescribed and Per Period of One Hour is essential, but one hour period should be considered as one and half (1 = 1.5 period) period. It means there will be Six Periods per week.

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**M.A. PART-I**
**SEMESTER-I**
**Group-A**
**Compulsory Papers**

**Paper-I Micro Economics-I**
**Paper-II Macro Economics-I**

**Group – B –Optional Papers** [Any Two of the Following]
1] Statistics for Economics – I
2] Agriculture Economics
3] History of Economic Thought
4] Urban Economics
5] Public Economics
6] Economics of Education and Health

**M.A. PART-I**
**SEMESTER-I**
**Group-A**
**Compulsory Papers**
**Paper-I Micro Economics-II**
**Paper-II Macro Economics-II**

**Group –B – Optional Papers** [Any Two of the Following]
1] Statistics for Economics-II
2] Industrial Economics
3] Rural Development
4] Human Development
5] Environmental Economics
6] Co-operation

**M. A. PART-I SEMESTER-I**
**Group-A**
**Compulsory Papers**
**1] Micro Economics-I**

**Unit-I Introduction and Basic Concepts :**

1.1 Basic Economic Problem, Choice and Scarcity
1.2 Methodology of Economics, Deductive and Inductive, Positive and Normative Economics
1.3 Concept of Equilibrium – Partial and General Equilibrium, Static and Dynamic Equilibrium

**Unit-II Demand Analysis**

2.1] Concepts, Law of Demand, Recent Developments in demand Analysis
2.2] Consumer behavior, Cardinal Utility Analysis, Law of diminishing marginal Utility
2.3] Applicability of Indifference curve Analysis, Consumers Equilibrium, Income Substitution
and Price effects.

**Unit-III Consumer Behavior and Elasticity of Demand**

3.1] Elasticity of demand –Concepts of demand elasticity, types and measurements
3.2] Reveled Preference theory of demand
3.3] Consumer Surplus

**Unit-IV Theory of Production and Costs**

4.1] The theory of Production, Law of Variable proportion, Production Function, ISO- quants curve
4.2] Cost of Production and Cost curves- -- concepts of costs, Theory of Short Run and Long Run costs
4.3] Economics and diseconomics of scale – Internal and External, Modern theory of cost learning curve – L –Shaped long run average cost, technical progress and Production Function.

**Unit-VCost and Revenue**

5.1] Concept of cost, various types of cost
5.2] Concept of Revenue, Various types of Revenue
5.3] Revenue curves and cost curves

**Books Recommended :**

1) Ahuja H.L., Advanced Economic Theory: Micro Economic Analysis, 13th Edition, S. Chand and co. Ltd., New Delhi
2) Baumol W. J., Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi
3) Dewett K.K., Modern Economic Theory, S. Chand and Co. Ltd., Revised Edition 2005
4) Jhingan M.L., Micro Economic Analysis, Vrinda Publications
5) Koutsoyiannis A., Modern Economics, 2nd Edition, Macmillan Press London
6) Kreps David M., A course in Micro Economics Theory, Princeton University Press, Princeton
7) Sen, A Micro Economics: Theory and Applications, Oxford University Press, New Delhi
8) Stigler , G. : Theory of Price, 4th Edition, Prentice Hall Of India, New Delhi
9) Seth M.L., Micro Economics
10) Varian, H. Micro Economic Analysis, W.W. Norton, New York.
11) झिंगन एम.एल., - उच्च आर्थिक सिध्दांत, वृंदा पब्लीकेशन्स, प्रा.लि. दिल्ली.
12) पिंपरकर ग.प्र., - मुल्य व वितरण : सैध्दांतिक विवेचन, मराठी अर्थशास्त्र परिषद.
१३. पाटील कृ.ए. - उच्चतर आर्थिक सिध्दांत, श्री मंगेश प्रकाशन, नागपूर.
१४. तिवारी एच.आर. - सुक्ष्म अर्थशास्त्र - मुल्यसिद्धांत, अद्वैत प्रकाशन, अकोला.
१५. केळकर - भावे - मुल्य सिध्दांत
१६. खांदेवाले श्रीनिवास - किंमत सिध्दांत

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## 2] Macro Economics-I

**Unit-I National Income**

1.1 ] Definitions, Different concepts, Importance, Calculation of National Income – Product method, Income method, Expenditure method and difficulties in measurement of National Income.

1.2 ] Methods of measurement of National Income – circular flow of Income in two – three – four sector economy.

1.3 ] Different forms of National Income accounting, Social accounting, Flow of funds, accounting and balance of payment accounting.

**Unit-II Theory of Employment and Consumption Function**

2.1] Classical views on full Employment, Keynes theory of Employment

2.2] Keynes, Psychological Law of consumption –Implication of the Law short run and long run consumption function

2.3] Determinants of Consumption Function

**Unit-III Multiplier and Investment Function**

3.1 ] Investment Function --Autonomous and Induced investment marginal efficiency of capital ad investment short run and long run, accelerator and investment behavior

3.2] Meaning of multiplier, types, its working, reverse operation, limitations, importance, criticism and leakages

3.3] Income- consumption, relationship, absolute income, relative income, life cycle and permanent income hypothesis

**Unit-IV Demand for Money**

4.1] Classical approach to demand for money, Fisher and Cambridge

4.2] Keynesian approach – liquidity preference theory, transaction, precautionary and speculative demand for money

4.3] Milton Friedman's approach - wealth theory

**Unit-V Supply of Money**

5.1] Composition of money supply and determinants of money supply

5.2] RBI approach to money supply- M1, M2, M3 and L1,L2,L3 RBI's money measures

5.3] high powered money and money multiplier, budget deficits and money supply, control on money supply

**Books Recommended :**


1) Ahuja H.L., : Macro Economics for Business and Management, S. Chand and co. Ltd., New Delhi
2) Blackhouse, R. and A. Salansi, Macro Economics and The Real World (2nd Volume) Oxford University Press, London
3) D'Souza, Errol, Macro Economics, Pearson Education , Delhi
4) Gupta R.D. and Rana A.S.:Post- Keynesian Economics, Kalyani Publishers, Ludhiana
5) Heijdra, B.J. and V.P. Frederick, Foundations of Modern Macro Economics, Oxford University Press, New Delhi
6) Jha, R., Contemporary Macro Economic Theory and Policy, Wiley Eastern Ltd., New Delhi
7) Jhingan M.L., : Macro Economics
8) Keynes J. M. : General Theory Of Employment and interest and Money
9) Mithani D.M. , Money, Banking, International Trade and Public Finance, Himalaya Publications
10) Rakshit , M., Studies in the Macro Economics Of Developing countries, Oxford University Press, New Delhi
11) Reddy Y.V., A Review Of Monetary and Financial Sector Reforms In India, UBSTD, New Delhi
12) Shukla D.K.:Business Cycle Analysis
13) Turnovsky, Methods of Macro Economic Dynamics
14) झिंगन एम.एल., - समष्टी अर्थशास्त्र, वृंदा पब्लीकेशन्स, प्रा.लि. दिल्ली.
15) सिन्हा व्ही.सी. - मुल्य, आय व रोजगार सिद्धांत.
16) देशपांडे श्री आर. - मुद्रा सिध्दांत आणि धोरण.
17) भोयर - साबळे - समष्टी अर्थशास्त्र,
18) वैश्य एम.सी. - मौद्रीक अर्थशास्त्र
19) सुंदरम एवं. वैश्य - उच्चदर समष्टी अर्थशास्त्र.
20) माहोरे रा.य. - व्यापार चक्राचे सिध्दांत


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**M.A. Part I**
**Semester -I**
**Group – B Optional Papers**
**1) Statistics for Economics-I**

**Unit I – Introduction to Statistics**
1.1] Scope, Uses and Limitations of Statistics
1.2] Method of Data Collection
**Unit – II – Statistical Methods – I**
2.1] Types of measures of central Tendency – Arithmetic mean, median, mode, harmonic mean
2.2] Range, Quartile Deviation, Mean Deviation, Standard deviation
**Unit – III – Statistical Methods – II**
3.1] Co-efficient of Variation
3.2] Skewness
**Unit IV – Correlation and Regression**
4.1] Karl Pearson's co-efficient of correlation, co-efficient of concurrent deviation, Spearman's Rank correlation
4.2] Simple Linear Regression, Least Square Method
**Unit – V – Indian Statistics**
5.1] CSO, NSSO, Recent Population Census
5.2] Agricultural and Industrial Statistics.

**Books Recommended:**
1) Elhance D.N., Practical Problems In Statistics
2) Elhance D.N., Indian Statistics
3) Gupta S.C. and Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House ,Delhi
4) Gupta S.C., Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi
5) Gupta S.P., Introduction to Statistical Methods, S. Chand and Sons, New Delhi
6) King W.I., The Elements of Statistical Methods, The Macmillan Co., New York
7) Monga G.S.:Mathematics and Statistics for Economics, Vikas Publishing House, New Delhi
8) Nagar A.L. and R.K.Das: Basic Statistics, Oxford University Press, New Delhi
9) देशमुख राम - मुलभूत सांख्यिकी विद्या प्रकाशन, नागपूर.
10) ढोके ग.बा. - सांख्यिकीय अर्थशास्त्र, नाथे पब्लीकेशन, नागपूर.

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2) **Agriculture Economics.**

**Unit-I Agriculture, Economic Development :**

1.1 Nature and Scope of Agricultural Economics. Traditional Agriculture and its Modernization, role of Agriculture in Economic Development – Poverty and Environment.
1.2 Issues and Problems in Rural Industrialization and Recent Trends in Agricultural Development in India.
1.3 Live Stock Resources and Productivity, White Revolution, Fishery and Poultry Development, Efficiency of Irrigation and Fertilizers.

**Unit-II Rural Infrastructure, Agricultural Production :**

2.1 Use of Land, Water and Energy, Rural Transport, Communication, Banking and Problems of Rural Infrastructure.
2.2 Impact of Technological Changes on Agricultural Production , Use of Biotechnology in Agriculture, Organic Farming Present Status and Future Scope. Agriculture Production Resource use and Efficiency.
2.3 Production Function Analysis in Agriculture, Factor Combination and Resource Substitution. difference between Agriculture Production and productivity, Need of Productivity.

**Unit-III** **Rural Labour Market :**

3.1 Labour absorption and Gender issue in Agriculture Services, Problem of Marginal and Small Farmers.

3.2 Labour Supply, Mobility of Labour and Segmentation in Labour Markets, Marginalization of Rural Labour, Nature, Extent and Trends in rural Unemployment.

3.3 Agriculture Wages in India, Male and Female wage difference.

**Unit-IV** **Rural Finance and Agricultural Prices :**

4.1 Role of Capital and Rural Credit, Need for Agricultural Finance, Source of Agricultural Finance – rural Credit institutions, Commercial Banks Function, regional Rural Bank, NABARD, Co-operative Banks, Govt. Policy for Agricultural Credit.

4.2 Problem of Agricultural Finance – Suggestion to Improve Agricultural Finance.

4.3 Agriculture Markets and Market Efficiency, Price Fluctuation-Causes, State Policy regarding Agricultural Marketing, Ware-housing and Crop Insurance, Objectives of Agricultural Price Policy – Instruments and Evaluation, Food Security and Public Distribution System.

**Unit-V** **Agricultural Growth in India and External Sector :**

5.1 Recent trends in Agricultural Growth in India, Mellor's Model of Agriculture Development, Sustainable Agriculture, Report of Swaminathan Ayog.

5.2 Cropping Patten Shifts, Prices of Inputs and Subsidies- Advantages and Disadvantages.

5.3 Globalization of Indian Economy Problems and Prospects of Indian Agriculture, Impact of World Trade Organization on Indian Agriculture, Role of MNC's in Agriculture Sector.

**Books Recommended :**

1) Bhaduri A. - The Economic Structure of Backward Agriculture, Macmillan, Delhi.
2) Dilgrami S.A. – Agricultural Economics, Himalaya Publishing House, Delhi.
3) Dantawala M.L., Indian Agricultural Development Oxford, New Delhi.
4) Govt. of India, Economic Survey (Annual) New Delhi.
5) Kahlon A.S. and Tyagi D.S., Agricultural Price Policy in India Allied Publisher New Delhi.
6) Bilgami S. A.R., Introduction to Agricultural Economics
7) Desai - Agricultural Economics
8) Satya Sundaram, Rural Development.
9) Mammmoria C.B. Agricultural Problems of India.
10) देशमुख कविमंडन विजय - कृषी व ग्रामीण अर्थशास्त्र, श्री मंगेश प्रकाशन, नागपूर.
11) शांता पाटील व लिला पाटील - कृषी अर्थशास्त्राची मुलतत्वे.
12) गुप्ता पी.के - कृषी अर्थशास्त्र, वृंदा पब्लीकेशन्स, प्रा.लि.नई दिल्ली.
13) कटमुसरे एस.बी.- महाराष्ट्राचा कृषी विकास, पिंपळापूरे बुक्स डिस्ट्रीब्युटर्स, नागपूर.
14) कायंदे – पाटील गंगाधर - शेतीचे अर्थशास्त्र – सिध्दांत व धोरण, चैतन्य पब्लीकेशन्स, नासिक.

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## 3) History of Economic Thought

**Unit-I Pre Adamite Thoughts**

Mercantilism and Physiocracy
Kautilya's Arthshastra and Buddha's Dhamma

**Unit-II** **Classical Economics**

Adam Smith, Ricardo, Malthus, J.B. Say and J.S. Mill

**Unit-III Critics of classicism**

Sismondi, St. Simon, Robert Owen, Karl Marx

**Unit-IV Modern Economic Thought**

Pigou, Marshall, Keynes, J.A. Schumpeter

**Unit-V Modern Economic Thought**

Dr. Ambedkar, M.K. Gandhi, Dadabhai Navroji, Jyotirao Phule, Dr. Punjabrao Deshmukh, Amartya Sen.

**Books Recommended :**


1) Ambedkar B.R., Status and Minorities
2) Bell F.: History of Economic Thought
3) Bhatnagar and others: History of Economic Thought
4) Bhatta H.L., History of Economic Thought
5) Datta, Bhabatosh: Indian Economic Thought (12th Century Perspective)
6) Desai S.S.M.: Development of Indian Economic Thought
7) Ghosh B.N., Indian Economic Thought (19th Century Perspective)
8) Gide and Rist, History of Economic Thought
9) Gray Alexander, A History of Economic Thought
10) Haney L.H., History of Economic Thought
11) Kuber W.N.: Dr. Ambedkar, A Critical Study
12) Kasare M.L., Economic Thought OF Dr. Ambedkar
13) Loknathan : A History of Economic Thought
14) Mithani D.M., History of Economic Thought
15) Paul R.R., A History of Economic Thought
16) Pant and Pant : History of Economic Thought
17) Srivastava S.K., History of Economic Thought
18) IEA: International Conference Volume on Dr. B.R. Ambedkar's Contributions to Nation Building.
19) भागवत दुर्गा - कौटीलीय अर्थशास्त्र - समग्र मराठी भाषांतर, वरदा बुक्स, पुणे.
20) सहस्त्रबुद्धे व्ही.जी. - अर्थशास्त्राचा ईतिहास
21) देसाई-येवळेकर - आर्थिक विचारांच इतिसास
22) कुबडे वा.ना. - डॉ. आंबेडकर विचारमंथन.
23) खांदेवाले-नेरूळकर - अर्थशास्त्रीय मत प्रणालीचा इतिहास
24) वैश्य एम.सी. - आर्थीक विचारोंका इतिहास
25) नाईक एस.एस. - डॉ. बाबासाहेब आंबेडकरांचे आर्थिक विचार, आधार पब्लीकेशन, अम.
26) कुळकर्णी बी.डी., ढमढेरे एस.व्ही. – आर्थीक विचार व विचारवंत डायमंड पब्लीकेशन, पुणे.
27) ढाले आर. डब्ल्यु. - डॉ.पंजाबराव देशमुख यांचे कृषीविषयक आर्थिक विचार, नभ प्रकाशन, अमरावती.


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## 4) Urban Economics

**Unit-I** **Introduction of Urbanization**

Urbanization, meaning, characteristics and concepts, the process of Urbanization, factor affecting urban growth, features of Urbanization in developing countries, Rate of Urbanization

**Unit-II** **Urbanization in India**

Factors and trends of Urbanization, Urbanization and urban growth, Natural growth, migration – active and passive migration, components, Effect of Urbanization

**Unit-III** **Urban Problems**

Immigration, Problem of Urbanization, Urban Transportation, Slums, Housing and urban renewal, urban water supply, sewerage system, crime and public health, transport and communication problems

**Unit-IV** **Urban Planning in India**

Concept of town and urban planning, principles of urban planning in India, urban policies and practices in India, Planning of Mega city and smart city, 21st century Urbanization in India – Growth of urban Population, Urbanization without labour absorption in India

**Unit-V** **Urban Finance Management and Theory of Local Finance**

Financing of urban infrastructure, Municipal administration, urban modeling, private sector participation in financing, urban infrastructure, local government, meaning and types, Theory of local finance, 73rd and 74th constitutional amendments and local finance, finance commission and local finance.

**Books Recommended :**

1) Bose A.N., Urban Economics: A Trend Report in Indian Council Of Social Science Research, A Survey Of Research In Economics, Volume 6 Infrastructure Allied Publisher
2) Dube K.K and A.K. Singh, Urban Environmental in India, Inter India, New Delhi
3) Fred Durr, The Urban Economy (London Index Educational Publishers)
4) Harris Tondon, Introduction Urban Economic Analysis and Policy, New York
5) Mark Garrtt, Transportation Planning, Sage Publication, New Delhi
6) Maurya S.B., Urbanization and Environmental Problems
7) Mishra R.P., K.V. Sundaram and V.L.S. Prakasa Rao, Regional Development Planning in India, Vikas Publishing House, Delhi
8) Report of the Task Forces on Housing and Urban Development – I, Planning of Urban Development Planning Commission
9) Shrivasta O.S., Regional Economics Theoretical Issues, Anmol Publications, New Delhi

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## 5) Public Economics

**Unit-I** **Introduction :**

The Role and Function of Government in an Economy, Meaning, Objectives and Interdependence of Monetary and Fiscal Policy, Meaning , Types and Measurement of Taxable Capacity, Provision of Private Goods, Public Goods, Social Goods, Merits Goods and Mixed Goods.

**Unit-II** **Public Expenditure and Taxation :**

Structure and Growth of Public Expenditure, Pure Theory of Public Expenditure, Social Cost Benefit Analysis. Theories of incidence, Theory of Optimum Taxation, Excess Burden of Taxes, Tradeoff between Equity and Efficiency. Cascading effect.

**Unit-III** **Public Debt :**

Burden of Public Debt, Sources of Public Debt, Public Borrowing and Price Level, Principle of Debt Management and Repayment, Deficit Financing and Deficit Budget.

**Unit-IV** **Fiscal Policy and Federal Finance :**

Indian Fiscal Policy since 1991, Indian Fiscal Imbalance – Indicator, Causes, Effects and Remedial Measures, Transfer of Resources from Union to State, Sources of Income Central and State, Goods and Service Tax. (GST), VAT, Recommendation of latest Finance Commission.

**Unit-V** **Public Choice :**

Private and Public Mechanism for allocating resources, Problems for allocating resources, Problems of Difference Revelation and Aggregation of Differences, An Economic Theory of Democracy, Principle of Public Finance, Maximum Social Advantage, Public Finance and Economy.

**Books Recommended :**

1) Bhatia R.L., Public Finance
2) Chelliah Raja – Fiscal Policy in Underdeveloped countries
3) Dalton H. – Principles of Public Finance
4) Hicks Ursula – Development Finance
5) Misra B. – Economics of Public Finance
6) Saxena and Mathur – Public Finance
7) Singh S.K. – Public Finance in Theory and Practice
8) Tyagi B.P. Public Finance
9) Government of India, Reports of the Finance Commission
10) ओसरकर एस.आर. - राजस्व
11) देव व झामरे - राजस्व

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**6) Economics of Education and Health**

**Unit-I Economics of Education**

Education - meaning ,need, objectives, demand for education – Private demand and social demand, determinants of demand. Cost of education, expenditure on education – private cost and social cost. Benefit of education – direct and indirect benefits, private and social benefits, role of return to investment in education

**Unit-II Education and Economic Development In India**

Objectives of Educational planning, educational policy in India, expenditure on education and improvement in literacy in India. Globalization and higher education – National Knowledge Commission, effects of educational financing of income distribution. Effects of education, ability and family background on earning.

**Unit-III Demand and Supply for Health**

Definition, characteristics, holistic approach, benefits, nature of demand for supply of health, determinants of demand and good health. Cost of health care, services, market failure, components of health care system. National health Policy, Planning and health Committees, Role of NGO's in health care system

**Unit-IV Financing Health Care**

Financing of health care and resource constraints, PHC – health status indicators and measurements. WHO – Role and needs for a social health insurance for the poor community. Health insurance policy in India – Definition, nature , Characteristics, functions, types, importance and advantages. Rural health care system in India

**Unit-V Women - Demographic Aspects**

Importance of women's studies, age structure, mortality rate and sex ratio, gender and population control policy with special reference to India. Women – health and nutrition, education, economic status of women – work participation rate of women. Factor affecting decision-making by women, gender budgeting, self-help groups and women's leadership in micro economics

**Books Recommended:**

1) Agrawal Pavan - Higher Education In India: The Need for Change
2) Aga rawal and Aga rawal – Educational Planning In India – Volume I
3) Banerjee D. – Poverty , Class and Health Culture In India, Prachi Prakashan New Delhi
4) Berman P. and M.E.Khan- Paying for Indians Health Care – Sage Publications, New Delhi
5) Krishnkumar T. and Rao K.N. – Financing of Health Services In India Perspectives and Issues, Dept. Of Economics, University of Hyderabad
6) Padmanabhan C.B. – Financial Management in Education, Select Books, New Delhi
7) Panchmukhi P.R. – Economics of Health: A Trend Report In ICSSR, A Survey of Research In Economics
8) Rao V.K.R.V. – Education and Human Resources, Development, Allied Publishers, Bombay
9) Sengupta R.P. – Ecology and Economics: An Approach To Sustainable Development, Oxford University Press, New Delhi
10) Tilak J.B.G. – The Economics Of Inequality In Education, Sage Publishers, New Delhi
11) World Bank – The Financing Health Services of Developing Countries: An Agenda for Reforms, World Bank Policy Study
12) Naik S.S. – Malnutrition – A Serious Problem, Aadhar Publications Amravati

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**M.A. PART-I (Semester II)**
**Group A**
**Compulsory Papers**
**1 Micro Economics-II**

**Unit-1 Price and Output Determination-1**

1.1) Pricing Under perfect Competition Short and Long Term Equilibrium.
1.2) Monopoly_ Price output Equilibrium under monopoly
1.3) Price Discrimination, Measurement of degree of Monopoly Power.

**Unit-II Price and output Determination-II**

2.1] concepts of monopolistic and imperfect competitions
2.2] Price and non-price competition, Group Equilibrium, product differentiation, Selling costs, Excess Capacity
2.3] short and long term Equilibrium under Monopolistic competition, Theory of Excess Capacity Chamberlin approaches

**Unit-III Duopoly and Oligopoly**

3.1] Duopoly models, Cornot model, Bernard model and Edgeworth model and Stackelberg
3.2] Price Leadership model, Kinked demand curve
3.3] Baumol's Sales Revenue Maximization model, Game Theory maximum and minimum Strategic

**Unit IV – Theory of Distribution**

4.1] Marginal Productivity Theory- Marshal – Hicks
4.2] Ricardian Theory of Rent – Scarcity Rent, Quasi Rent
4.3] Neoclassical Theory of Interest, Keynes's Liquidity, Preference theory of interest, Theory of wages, modern theory of interest, Schumpeter's theory of profit

**Unit V – Welfare Economics**

5.1] Individual and Social Welfare, Parent's Criterion of Social Welfare, Rawel's theory of justice
5.2] Kaldor – Hicks welfare Criteria, Scitovsky Paradox, Arrow's theory of Social choice
5.3] Amartya Sen's Social choice theory, market failure and Role of Government.

**Books Recommended :**

1) Ahuja H.L., Advanced Economic Theory: Micro Economic Analysis, 13th Edition, S. Chand and co. Ltd., New Delhi
2) Baumol W. J., Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi
3) Dewett K.K., Modern Economic Theory, S. Chand and Co. Ltd., Revised Edition 2005
4) Jhingan M.L., Micro Economic Analysis, Vrinda Publications
5) Koutsoyiannis A., Modern Economics, 2nd Edition, Macmillan Press London
6) Kreps David M., A course in Micro Economics Theory, Princeton University Press, Princeton
7) Sen, A Micro Economics: Theory and Applications, Oxford University Press, New Delhi
8) Stigler , G. : Theory of Price, 4th Edition, Prentice Hall Of India, New Delhi
9) Seth M.L., Micro Economics
10) Varian, H. Micro Economic Analysis, W.W. Norton, New York.
11) झिंगन एम.एल., - उच्च आर्थिक सिध्दांत, वृंदा पब्लीकेशन्स, प्रा.लि. दिल्ली.
12) पिंपरकर ग.प्र., - मुल्य व वितरण : सैध्दांतिक विवेचन, मराठी अर्थशास्त्र परिषद.
१३. पाटील कृ.ए. - उच्चतर आर्थिक सिध्दांत, श्री मंगेश प्रकाशन, नागपूर.
१४. तिवारी एच.आर. - सुक्ष्म अर्थशास्त्र - मुल्यसिद्धांत, अद्वैत प्रकाशन, अकोला.
१५. केळकर - भावे - मुल्य सिध्दांत
१६. खांदेवाले श्रीनिवास - किंमत सिध्दांत

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## 2) Macro Economics-II

**Unit-I Interest Theories**

1.1] Rate of Interest – Classical, Neoclassical (Loanable fund theory of interest – IS – LM Model
1.2] Relative effectiveness of monetary and fiscal policies
1.3] Interest rates and price expectations – Nominal and real interest rates

**Unit-II Theory of Inflation**

2.1] Inflation – Meaning and types, Inflationary Gap, convergent and divergent Inflationary Gaps
2.2] Keynesian Theory – Demand Pull, cost Push and mixed inflation
2.3] Effects of Inflation, Inflation in Developing Economies

**Unit-III Inflation of Developing Economies**

3.1] Philips curve analysis – Short Run and Long Run, Tobin's modified Philips Curve
3.2] Meaning of Stagflation, measures to control stagflation, Deflation – meaning, Deflationary Gaps
3.3] Friedman's Expectation Model – Adoptive Expectations and Rational expectations policies to control inflation

**Unit-IV Post Keynesian Demand for Money**

4.1] Baumol model of money demand (Inventory Approach) Tobins model of money demand
4.2] Friedman and the modern quantity theory, Mundell- Fleming model
4.3] Patinkins Monetary Model (Real Balance Effect)

**Unit-V Trade Cycle and Financial Markets**

5.1] Acceleration Principle and Business Cycle, Samuelson model and super multiplier

5.2] Monetary theory of trade cycle Hawtrey and monetary Overinvestment theory Hayel, Hicks theory of Trade and Kaldor model of trade cycle

5.3] Money market – Characteristics and Constituents, capital market – Instruments and institutions of money and capital markets.

**Books Recommended :**


1) Ahuja H.L., : Macro Economics for Business and Management, S. Chand and co. Ltd., New Delhi
2) Blackhouse, R. and A. Salansi, Macro Economics and The Real World (2nd Volume) Oxford University Press, London
3) D'Souza, Errol, Macro Economics, Pearson Education , Delhi
4) Gupta R.D. and Rana A.S.:Post- Keynesian Economics, Kalyani Publishers, Ludhiana
5) Heijdra, B.J. and V.P. Frederick, Foundations of Modern Macro Economics, Oxford University Press, New Delhi
6) Jha, R., Contemporary Macro Economic Theory and Policy, Wiley Eastern Ltd., New Delhi
7) Jhingan M.L., : Macro Economics
8) Keynes J. M. : General Theory Of Employment and interest and Money
9) Mithani D.M. , Money, Banking, International Trade and Public Finance, Himalaya Publications
10) Rakshit , M., Studies in the Macro Economics Of Developing countries, Oxford University Press, New Delhi
11) Reddy Y.V., A Review Of Monetary and Financial Sector Reforms In India, UBSTD, New Delhi
12) Shukla D.K.:Business Cycle Analysis
13) Turnovsky, Methods of Macro Economic Dynamics
14) झिंगन एम.एल., - समष्टी अर्थशास्त्र, वृंदा पब्लीकेशन्स, प्रा.लि. दिल्ली.
15) सिन्हा व्ही.सी. - मुल्य, आय व रोजगार सिद्धांत.
16) देशपांडे श्री आर. - मुद्रा सिध्दांत आणि धोरण.
17) भोयर - साबळे - समष्टी अर्थशास्त्र,
18) वैश्य एम.सी. - मौद्रीक अर्थशास्त्र
19) सुंदरम एवं. वैश्य - उच्चदर समष्टी अर्थशास्त्र.
20) माहोरे रा.य. - व्यापार चक्राचे सिध्दांत


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## Group-B
## Optional Papers
### 1) Statistics for Economics-II

**Unit-I Sampling and Estimation**

1.1] Basic concepts of sampling – Random and non-random sampling, Advantage of sample survey

1.2] sample and population, parameters and statistics

1.3] Estimation – Meaning, types, characteristics, importance

**Unit-II Statistical Inference**

2.1] Test of significance (Confidence intervals and level of Significance) F – Test

2.2] T-Test

2.3] Chi- square analysis

**Unit-III Time Series**

3.1] Nature and decomposition of a time series – trend

3.2] Cyclical, Seasonal and random components

3.3] Fitting Trend Curves

**Unit-IV Probability**

4.1] Deterministic and Non-deterministic experiments,

4.2] various types of events classical and empirical definitions of probability

4.3] Laws of addition and multiplication

**Unit-VIndex Numbers**

5.1] Index Number – Meaning, Characteristics and uses, construction and limitations, Types of Index Numbers

5.2] Price Index Numbers – Whole-sale and Retail price index numbers, Laspeyre's and Paasche's index numbers, Fisher's ideal index number

5.3] Cost of living index numbers – computations and use of the cost of living index numbers

**Books Recommended :**


1) Elhance D.N., Practical Problems In Statistics
2) Elhance D.N., Indian Statistics
3) Gupta S.C. and Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House ,Delhi
4) Gupta S.C., Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi
5) Gupta S.P., Introduction to Statistical Methods, S. Chand and Sons, New Delhi
6) King W.I., The Elements of Statistical Methods, The Macmillan Co., New York
7) Monga G.S.:Mathematics and Statistics for Economics, Vikas Publishing House, New Delhi
8) Nagar A.L. and R.K.Das: Basic Statistics, Oxford University Press, New Delhi
9) देशमुख राम - मुलभूत सांख्यिकी विद्या प्रकाशन, नागपूर.
10) ढोके ग.बा. - सांख्यिकीय अर्थशास्त्र, नाथे पब्लीकेशन, नागपूर.


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## 2) Industrial Economics

**Unit-I Introduction :**

1.1] Meaning, Scope, Need and Significance of the Study Of Industrial Economics

1.2] Industrial Profile – Private Sector, Large, Medium and Small Scale Industries and Village Industries, Public Sector Disinvestment Policy, Measures of Size of Funds

1.3] Integration and Industrial Combinations – Causes, Mergers and Amalgamation, Effects of Industrial Monopoly

**Unit-II Industrialization**

2.1] Meaning of Industrialization, Rationale for Industrialization, Over of industrial Policy Prior to 1991

2.2] Industrialization and Economic Development, Concept, Types of Organization forms, Objectives of Firm

2.3] Industrialization and Agriculture Development, Factor and Effect Of Industrialization, Strategies for Industrialization

**Unit-III Industrial Location and Regional Development**

3.1] Meaning of Industrial Location – Difference between Location Of Industries and Localization, Determinants of Industrial Location, Weber's Theory of Industrial Location,
Sergent Florence Theory of Industrial Location

3.2] Dispersal and Decentralization Of Industries, Need and Balance, Regional Development Of Industries

3.3] Role Of Industrial Policy for Regional Development – Trends and Patterns Of Regional Development

**Unit-IV Profitability and Investment**

4.1] Meaning and Measurement of Profitability, Market Conditions favourable for Profitability

4.2] Nature and Types, Methods of Evaluating Investment Expenditure – Pay Back Method, Cost Benefit Analysis – Net Present Value (NPV) and Internal Rate Of Return (IRR)

4.3] Economic Reforms and Development, Financial Institutes In India – IDBI, IFCI, SFCS , SIDC and Commercial Banks, Ratio Analysis

**Unit-V Industrial Policy and Labour**

5.1] Trade Union Movement In India, Industrial Disputes – Causes and Machinery to solve them

5.2] Labour Market Reforms - Tools for improvement of labour productivity

5.3] Trends and Patterns FDI, Trends in India's Industrial Growth after 1991

**Books Recommended :**


1) Ahluvalia I.J.: Industrial Growth In India, Oxford University Press, New Delhi
2) Bartwal R.R.: Industrial Economics, Wiley Eastern Ltd., New Delhi
3) Cherunilm F.: Industrial Economics, Indian Perspectives, 3rd Edition, Himalaya Publishing House, Mumbai
4) Desai B.: Industrial Economy in India 3rd Edition, Himalaya Publishing House, Mumbai
5) Government Of India Economic Survey Annual
6) Hay D. and D.J. Morris, Industrial Economics :Theory and Evidence, Oxford University Press, New Delhi
7) Kuchhal S.C.: Industrial Economy of India, 5th Edition, Chaitanya Publishing House Allahabad
8) Reserve Bank Of India: Report on Currency and Finance
9) Sing A. and A.N. Sadhu: Industrial Economics, Himalaya Publishing House, Mumbai


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## 3) Rural Development

**Unit-I Concept Of Rural Development**

Concept Of Rural Development, importance, scope and objectives of rural development, rural development and the nature of cultural transition in society, rural business and its critical features, features of structures, dynamics and changes of rural society in post LPG era

**Unit-II Overview of Rural Resources**

Land, soil, climate, water and forest, overview of production system containing agriculture, horticulture, sericulture, social forestry, animal husbandry, dairy product, fisheries and non-farm activities, production system and livelihood of rural people.

**Unit-III Cooperative Movement In Rural Economy**

Managing Cooperative, emergence, endurance and growth of cooperatives, leadership issues in cooperative, cooperative principles issues in establishing agriculture cooperatives, democratic governance in cooperative. The role of rural technology , need and importance rural Technology

**Unit-IV Rural Labour**

Rural labour supply, interlocking of factor markets, mobility of labours and segmentation in labour markets, migration of rural labour, nature extend and trends on rural unemployment, nonagricultural rural employment – trends and determinants, male- female wage differences

**Unit-V Scheme Of Rural Development**

Role of institutions in rural development, success and sustainability of rural development, various approaches to rural development, Gandhian approach of rural development, IADP, IRDP, MNREGA, SEZ and agriculture

**Books Recommended :**


1) Abraham M. F. – Modern Sociological Theory, OUP, New Delhi
2) Amartya Sen – Resources, Value And Development, Basil Blackwell
3) A.R. Desai – Introduction of Rural Sociology In India, C. B. Mammoria Indian Social Problems
4) B.C. Mehta, Rural Poverty in India, Concept Publication
5) Globalization And Development Studies – ED Faranas Schunrman
6) G. Hyden – Planning, Politics and Administration
7) G. Hyden – Rural Marketing – Sanalkumar Velayudhan, Sage Publications
8) Dhanagare B.N. – Peasant Movements In India, Oxford University Press, New Delhi
9) Batra G.S. – Development Of Entrepreneurship, Deep and Deep, Delhi
10) Datta and Vasant – Fundamentals of Rural Development, New Delhi, Rawat Publications
11) Datta and Rudra – Growth Poverty and Equality, Deep and Deep Publications, New Delhi
12) Khanna Sulbha – Rural Development, New Delhi, Sonali Publications
13) Prasad B.K. – Rural Development New Delhi, Surupand sons
14) Desai Vasant – Rural Development in India, New Delhi, Himalaya


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## 4 Human Development

**Unit-I Nature of Human Development**

Concept and Need of Human Development – Components of Human Development
Human Development and Economic Development, Human Resource Development; Usefulness of concept, Gender and Human Development

**Unit-II Measurement of Human Development**

Human Development Index - Measurement of Human Development: Limitations of Human Development Measure
Political Freedom – Index of Economic Freedom, Human Development Index and Poverty Index, Multidimensional Poverty Index

**Unit-III Human Development In India**

Human Development and Economic Growth with Indian Context, India : Trends of HDI
Status of Human Development in India and inter State Comparison; Human Development and Poverty.

**Unit-IV Expenditure on Human Development in India**

Human Development Expenditure in India and States (Public Spending)
Primary Education, Human Development and India's disadvantaged Group

**Unit-V Social Capital**

Social Capital – Economic Attainments and Well-being, Millennium Development Goals, Human Development and Human Rights, Human Development and Backward classes

**Books Recommended :**

1) Baru : Private Health Care In India, Social Characteristics and Trends. Sage Publications, New Delhi
2) Dwivedi R. S.:Human Relations and Organizational Behaviour - Global Perspectives, MacMillan India
3) Human Development In South Asia, 2001 – Published for the Mahbubul Haq, Human Development Center, Oxford
4) Michael V.P., Human Resources Management and Human relations, Himalaya Publishing House, Mumbai
5) National Human Development Report, Govt. Of India,2002
6) Subbarao P.: Essentials Human Resources Management and Industrial Relations, Himalaya Publishing House, Mumbai
7) Tilak J.B.G.: Education For Development in Asia, Sage Publications, New Delhi
8) UNDP – Human Development Reports, Annual Reports
9) Datta Ruddar, Human Development and Economic Development, Deep and Deep Publications, New Delhi
10) Mulani M.U., Indian And Global Economics, Success Publications, Pune.

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## 5 Environmental Economics

**Unit-I Elements Of Environmental Economics**

1.1] Meaning , Scope and Nature of Environmental Economics
1.2] Economic Development and the Environment, Population and Environmental Linkages
1.3] Environment Development – Poverty Nexus, Sustainable Development – Concept and Operationalization

**Unit-II Economics of Natural Resources Management and Sustainable Development**

2.1] Concept of Sustainable, Rules of Sustainable Development – Indicators of Sustainable Development
2.2] Economics of Renewable resources, Scarcity As limit to growth, pricing of resources, Energy and economic development
2.3] Mechanism for environment regulation in India, Environmental laws 7 their Implementation -Policy instruments for controlling water and air Pollution – Forestry Policy

**Unit-III Environmental Problems of agriculture Development**

3.1] Environmental Problems of agriculture Development, Salinity, Water logging, desertification of land, excess use of water, fertilizers and pesticides

3.2] Approaches to sustainable agriculture management

3.3] Farm Implements cropping patterns, causes, Impact and importance of Social Forestry

**Unit-IV Environmental Problems of Industrial Development**

4.1] Environmental Problems of Industrial Development: water pollution, air pollution, noise pollution

4.2] Special economic zones and Environmental Issues

4.3] Green Marketing, Environmental Auditing

**Unit-V Environmental Problems and Policies in India**

5.1] Rural and Urban Environmental Problems – Population and the Environment

5.2] Housing and Slums and The Environment, Rural Sanitation Scheme

5.3] WTO and Environment, Issues Of Climate change, environmental policy in India – Environment Protection Laws In India.

**Books Recommended :**


1) Ali S.A.: Resources for Future Economic Growth, Vikas Publishing House, New Delhi
2) Baumol W.J. and W.E.Oates, The Theory Of Environmental Policy 2nd Edition, Cambridge University, Cambridge
3) Bhattacharya Aryan, Environmental Economics, and Indian Perspective, Oxford University Press, New Delhi
4) Chopra K., Kadekodi G.K. and M.N.Murthy, The Management of Common Property Resources, Sage New Delhi
5) Garg M.R. , Environmental Pollution and Protection, Deep and Deep Publication, New Delhi
6) Hanley N., J.F. Shogern and B. White, Environmental Economics in Theory and Practice, MacMaillan
7) Lodha S. L., Economics of Environment, RBSA, Publishers, Jaipur
8) Mehta, S.S. Mundle and U. Sankar: Controlling Population: Incentives and Regulation, Sage, New Delhi
9) Murthy M.N., A. James and S.Misra: The Economics Of Water Pollution in India, Oxford University Press, New Delhi
10) Rathore M.S., Environmental and Development, Rawat Publications, Jaipur
11) World Bank: World Development Report – Environment and Development, Oxford University Press, New Delhi.
12) Mulani, M.U., Indian and Global Economics, Success Publication, Pune.
13) गव्हाळे, राजेंद्र आर. - आर्थिक विकास व पर्यावरणाचे अर्थशास्त्र, ज्योतीचंद्र पब्लीकेशन, लातुर.


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## 6] Co-operation

**Unit-I Introduction**

Co- operation – Meaning , Definition , Principle of co-operation. Characteristics of co-operation, Importance and need , Origin and development of Co-operative movement in India , International Co-operative Alliance [ICA]—Organization and function.

**Unit-II Work and Function.**

Marketing Co-operative societies , Consumer Co-operative Societies present position, Problems and Remedies , Sugar Factories, Cotton [Soot] Mills, and Dairy Cooperatives of Maharashtra, present position, problems and Remedies, Role of NAFED, Co-operative Agro base industries , Role of Cooperation in mixed economy.

**Unit-III Financial Institute**

NABARD – objectives, importance and function, NCDC – objectives, importance and functions, cooperative banks – state cooperative, Dist. Central cooperative bank – importance and function

**Unit – IV – Account and Audit**

Book keeping – meaning, importance and advantages, format of trading account, profit and loss account, balance sheet – meaning and definition, objectives and importance of audit , various types of audit , role of cooperative auditor

**Unit-V Cooperative Legislation In India**

Formation Of M.S. Cooperative act – 1960: Registration, bylaws, membership, capital. Meeting, meeting notice, minutes and method of resolution.

97th constitutional amendment and main changes in Maharashtra cooperative societies act, national cooperative union of India (NCUI). Cooperative processing women Empowerment

**Books Recommended :**


1) Kulkarni R.K. – Theory and Practice cooperation in India and Abroad Volume – I,II,III,
2) Batlliboi J. Advanced Accounting
3) Shah Rupa and Damji B.H. – Cooperation (Marathi), Fadke Prakashan, Kolhapur
4) Mammoria C.B. and Saxena R,D. Cooperation In India
5) प्रा.गव्हाळे राजेंद्र आर. - सहकारी तत्वे, ज्योतीचंद्र पब्लीकेशन, लातूर.
6) प्रा.ए.आर.रायखेलकर व प्रा.अशोक डांगे - सहकार तत्वे आणि व्यवहार.
7) घानेकर विद्या - सहकार कायदा.
8) जाधव टी.एस. - सहकारी संस्थांचे संरचना व कार्य


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**Appendix-C**

**Syllabi for M.A. Part-I**
**Semester-I (Paper-I)**
**Political Thought in Modern India**
**(Implemented From 2017-2018 Session)**

Marks : Theory – 80
In.Ass – 20

**Unit-I Raja Ram Mohan Roy :**

a) Liberalism
b) Critique on Religion
c) Views on Individual Freedom
d) Law and Judicial System

**Unit-II Mahatma Gandhi :**

a) Ahimsa
b) Satyagrah
c) Trusteeship
d) Ramrajya

**Unit-III Dr. Babasaheb Ambedkar :**

a) Liberalism
b) Parliamentary and Social Democracy
c) State Socialism, Economic Socialism
d) Liberty, Equality, Faternity and Social Justice.

**Unit-IV Jawaharlal Nehru :**

a) Foreign Policy
b) Secularism
c) Democracy
d) Socialism

**Unit-V Dr. Panjabrao Deshmukh :**

a) Views on Education
b) Views on Agriculture
c) Views on Caste Eradication –
i) Satyashodhak Movement, ii) Shraddhanand Hostel & iii) Ambadevi Temple Movement.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


1. S.P. Varma - Modern Indian Political Thought.
2. S.Ghosh - Modern Indian Political Thought.
3. V.S. Narwane - Modern Indian Thought.
4. S.A. Wolpert - Tilak & Gokhale, Berkely, Uni.of California Press.
5. M.J. Kanetkar - Tilak & Gokhale, a Comparative Study
6. J. Bandhopadhyay - Social & Political Thought of Gandhi.
7. V.B. Karnik, M.N. Roy - Political Background.
8. B. Prasad - Jayaprakash Narayan.
9. K.N. Kadam - Dr. B.R. Ambedkar
10. E.V. Ramsami Paeriyar - A Study of the Influence of Personality in Contemporary Sought Indian.
11. प्रा. भा.ल. भोळे - आधुनिक भारतातील राजकीय विचार.
12. प्रा. ना.य. डोये - आधुनिक भारतातील राजकीय विचार.
13. डॉ.वा.भा.पाटील - आधुनिक भारतीय राजकीय विचारवंत, प्रशांत पब्लीकेशन, जळगांव.
14. डॉ.विश्वनाथप्रसाद वर्मा - आधुनिक भारतीय राजनितीक चिंतन
15. सुदाम सावरकर - डॉ.पंजाबराव देशमुख – जीवन व कार्य
16. डॉ.पंजाबराव देशमुख गौरव ग्रंथ - प्रकाशक, महाराष्ट्र साहित्य सांस्कृतिक मंडळ, महाराष्ट्र शासन.


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**Semester-II (M.A.Part-I)**
**Paper-I**
## Political Thought in Modern India

Marks : Theory – 80
In.Ass – 20

**Unit-I Mahatma Jyotia Fule :**
a) Views on Education
b) Views on Farmer Economy, Views on Peasants.

**Unit-II Vinayak Damodar Sawarkar :**
a) Revolutionary Nationalism
b) Social Reform Movement
c) Views on Untouchability

**Unit-III M.N. Roy :**
a) Nationalism
b) Communism
c) New Humanism

**Unit-IV Ramsami Periyar :**
a) Views on Social Political System
b) Rationalilsm
c) Unity in Diversity
d) Self Respect Movement

**Unit-V Rashtrasant Tukdoji Maharaj :**
a) Nationalism
b) Social Political System
c) Humanism
d) Concept of Universal and Village.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(ड) Interview of Local Leader - 05 Marks
(ड़)

**Reference Books :**


1. S.P. Varma - Modern Indian Political Thought.
2. S.Ghosh - Modern Indian Political Thought.
3. V.S. Narwane - Modern Indian Thought.
4. S.A. Wolpert - Tilak & Gokhale, Berkely, Uni.of California Press.
5. ÉàM.J. Kanetkar - Tilak & Gokhale, a Comparative Study
6. J. Bandhopadhyay - Social & Political Thought of Gandhi.
7. V.B. Karnik, M.N. Roy - Political Background.
8. B. Prasad - Jayaprakash Narayan.
9. K.N. Kadam - Dr. B.R. Ambedkar
10. E.V. Ramsami Paeriyar - A Study of the Influence of Personality in Contemporary Sought Indian.
11. प्रा. भा.ल. भोळे - आधुनिक भारतातील राजकीय विचार.
12. प्रा. ना.य. डोये - आधुनिक भारतातील राजकीय विचार.
13. डॉ.वा.भा.पाटील - आधुनिक भारतीय राजकीय विचारवंत, प्रशांत पब्लीकेशन, जळगांव.
14. डॉ.विश्वनाथप्रसाद वर्मा - आधुनिक भारतीय राजनितीक चिंतन
15. ग्रामगीता - राष्ट्रसंत तुकडोजी महाराज
16. मानवतेचे महापुजारी – जीवन आणि कार्य- श्री रघुनाथ कडवे, अमोल प्रकाशन, नागपूर.
17. निष्काम कर्मयोगी - राष्ट्रसंत तुकडोजी महाराज - श्री रघुनाथ कडवे, अमोल प्रकाशन, नागपूर.
18. भगवान तुकडोजी - बाबा आवारे, पद्मश्री प्रकाशन, सावदा, जि. जळगांव.


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**Semester-I (M.A.Part-I)**
**Paper-II**
## Indian Government and Politics

Marks : Theory – 80
In.Ass – 20

**Unit-I**

a) Background of the Constituent Assembly : Composition and Working.
b) Preamble.

**Unit-II**

a) Fundamental Rights.
b) Constitutional Amendment - Process and Mejor Amendments 42nd, 44th, 62th, 73rd , 74th & 86th

**Unit-III**

a) Supreme Court : Composition, Jurisdiction, Independence of Judiciary.
b) Judicial Review, Judicial Activism.

**Unit-IV**

a) Electoral Process and Electoral Behaviour.
b) Electoral Reforms.

**Unit-V**

a) Issues in Indian Politics : Caste, Religion, Regionalism and Language.
b) Critical Assessment : Success and Failures.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


1. S.P. Aiyar and U. Mehta (Eds.), Essays on Indian Federalislm, Bombay, Allied Publishers, 1965.
2. G. Austin, The Indian Constitution : Corner Stone of a Nation, Oxford University Press, 1966.
3. J.P. Bansal, Supreme Court : Judicial Restraint Versus Judicial Activism, Jaipur, Unique, 1985.
4. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 1994.
5. K.L. Bhatia, Judicial Review and Judicial Activism : A Comparative Study of Inida and Germany from an Indian Perspective, New Delhi, Deep And Deep, 1997.
6. C.P. Bhambri, The Inidan State : Fifty Years, New Delhi, Shipra, 1999, Westview Press, 1992.
7. S. Kashyap, Our Parliament : An Introduction to the Parliament of India, Delhi, NBT, 1989.
8. S. Kaushik (Ed.,) Indian Government and politics, Delhi Univesity, Directorate of hindi Implementation, 1990.
9. R. Kothari, Caste in Indian Politics, Delhi, Orient Longman, 1970.
10. डॉ.देशपांडे व डॉ.भोळे - भारताचे शासन आणि राजकारण.
11. डॉ.भा.ल.भोळे - भारतीय गणराज्याचे शासन आणि राजकारण, पिंपळापूरे प्रकाशन, नागपूर


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**Semester-II (M.A.Part-I)**
**Paper-I**
## Political Thought in Modern India

Marks : Theory – 80
In.Ass – 20

**Unit-I Mahatma Jyotia Fule :**
a) Views on Education
b) Views on Farmer Economy, Views on Peasants.

**Unit-II Vinayak Damodar Sawarkar :**
a) Revolutionary Nationalism
b) Social Reform Movement
c) Views on Untouchability

**Unit-III M.N. Roy :**
a) Nationalism
b) Communism
c) New Humanism

**Unit-IV Ramsami Periyar :**
a) Views on Social Political System
b) Rationalilsm
c) Unity in Diversity
d) Self Respect Movement

**Unit-V Rashtrasant Tukdoji Maharaj :**
a) Nationalism
b) Social Political System
c) Humanism
d) Concept of Universal and Village.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b)Interview of Local Leader - 05 Marks

**Reference Books :**


1. S.P. Varma - Modern Indian Political Thought.
2. S.Ghosh - Modern Indian Political Thought.
3. V.S. Narwane - Modern Indian Thought.
4. S.A. Wolpert - Tilak & Gokhale, Berkely, Uni.of California Press.
5. ÉàM.J. Kanetkar - Tilak & Gokhale, a Comparative Study
6. J. Bandhopadhyay - Social & Political Thought of Gandhi.
7. V.B. Karnik, M.N. Roy - Political Background.
8. B. Prasad - Jayaprakash Narayan.
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12. प्रा. ना.य. डोये - आधुनिक भारतातील राजकीय विचार.
13. डॉ.वा.भा.पाटील - आधुनिक भारतीय राजकीय विचारवंत, प्रशांत पब्लीकेशन, जळगांव.
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16. मानवतेचे महापुजारी – जीवन आणि कार्य- श्री रघुनाथ कडवे, अमोल प्रकाशन, नागपूर.
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18. भगवान तुकडोजी - बाबा आवारे, पद्मश्री प्रकाशन, सावदा, जि. जळगांव.


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**Semester-I (M.A.Part-I)**
**Paper-II**
## Indian Government and Politics

Marks : Theory – 80
In.Ass – 20

**Unit-I**

a) Background of the Constituent Assembly : Composition and Working.
b) Preamble.

**Unit-II**

a) Fundamental Rights.
b) Constitutional Amendment - Process and Mejor Amendments 42nd, 44th, 62th, 73rd , 74th & 86th

**Unit-III**

a) Supreme Court : Composition, Jurisdiction, Independence of Judiciary.
b) Judicial Review, Judicial Activism.

**Unit-IV**

a) Electoral Process and Electoral Behaviour.
b) Electoral Reforms.

**Unit-V**

a) Issues in Indian Politics : Caste, Religion, Regionalism and Language.
b) Critical Assessment : Success and Failures.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


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4. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 1994.
5. K.L. Bhatia, Judicial Review and Judicial Activism : A Comparative Study of Inida and Germany from an Indian Perspective, New Delhi, Deep And Deep, 1997.
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**Semester-II (M.A.Part-I)**

**Paper-II**

## Indian Government and Politics

Marks : Theory – 80
In.Ass – 20

**Unit-I** Nature of State under Globelization and Liberalization.

**Unit-II** a) Nature of Indian Federalism - Unitary, Co-operative
b) Sarkariya Commission.

**Unit-III** **a) Centre-State Relationship** :
i) Legislative
ii) Administrative
iii) Financial

**Unit-IV**
a) Religious Communities and Secular Politics.
b) Linguistic, Regional, Religious Development, Naxalism.

**Unit-V**
a) Issues in State Politics – Demand of State Autonomy, Demand for Creation of New States, Inter-state Water Disputes.
b) Parliamentary Democracy & Parliamentary Devices.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


1. S.P. Aiyar and U. Mehta (Eds.), Essays on Indian Federalislm, Bombay, Allied Publishers, 1965.
2. G. Austin, The Indian Constitution : Corner Stone of a Nation, Oxford University Press, 1966.
3. J.P. Bansal, Supreme Court : Judicial Restraint Versus Judicial Activism, Jaipur, Unique, 1985.
4. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 1994.
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12. Shriram Yerankar - Secularism in India : Theory & Practice, Delhi, Adhyayan Pub.-2006.


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**Semester-I (Paper-III)**

**Public Administration**

Marks : Theory – 80
In.Ass – 20

**Unit-I** Meaning, Nature and Scope of Public Administration, Evaluation of Public Administration as a Discipline, New Public Administration, Public Administration and Private Administration.

**Unit-II** Major Approaches and Methods of Public Administration : Ecological Approach, Decision Making Approaches, Development Administration Approach, Political Economy Approach, System Approach.

**Unit-III** Organization and its Basic Problems, Mechanistic and humanistic Conception of Organization, Formal and Informal Organization, Bases of Organization, Unit of Organization,

**Unit-IV** Principles of Organization : The Line unit and the staff unit, Hierarchy, Span of Control, Integrated and Disintegrated System, Centerlization land Decentralization.
Formes of Organization : Govt. Corporation, The Independent Regulary Commission, The Govt. Department.

**Unit-V** Bureaucracy : Meaning, Types, Importance in Public Administration, Neutrality of Civil Service, Downshzing of Bureaucracy, Modernization of Bureaucracy.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**

1. Awasthi and S.R. Maheshwari, Public Administration, Agra, Lakshmi Narain Aggarwal, 1996.
2. C.P. Bhambri, Administrators in a Changing Society, Bureaucracy and Politics in India, Delhi. Vikas, 1971,
3. Gladen - An Introduction to Public Administration
4. Tyagi, A.R. - Public Administration
5. M.P. Sharma & B.C. Sadane - Public Administration in Theory and Practice
6. M. Bhattacharya, Public Administration : Structure, Process and Behaviour, Calcutta, the World Press, 1991.
7. M.E. Dimock, and G.O. Dimock, Public Administration, Oxford, I.B.H. Publishing Com., 1975.
8. प्रा. प.सि.काणे - लोक प्रशासन.
9. प्रा. भोगले - लोक प्रशासन.
10. प्रा. बी.बी.पाटील - लोक प्रशासन.
11. प्रा.दि.का.गर्दे - लोक प्रशासन तत्व आणि तंत्र

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**Semester-II (Paper-III)**

**Public Administration**

Marks : Theory – 80
In.Ass – 20

**Unit-I** Budgetting : The Machinery of Financial Administation, Principles of Budget Making, Importance of Budget in Administration.

**Unit-II** Administrative Accountability : Legislative and Judicial Control Over Administration, Control on Public Administration of Political Parties, Public Opinion and Pressure Groups – Their Impac on Policy Making.

**Unit-III** Personel Administration : Recruitment, Training, Promotion, Administrative Leadership.

**Unit-IV** Public Administration in the age of Globaliztion and Liberalization. Impact of Information Technology on Public Administration.

**Unit-V** Governance : Good Governance, Transparency and Accountability, Right to Information, Grievance Redressal Institution : Ombudsman, Lokpal and Lokayukta.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
**(b)** Interview of Local Leader - 05 Marks

**Reference Books :**


1. Awasthi and S.R. Maheshwari, Public Administration, Agra, Lakshmi Narain Aggarwal, 1996.
2. C.P. Bhambri, Administrators in a Changing Society, Bureaucracy and Politics in India, Delhi. Vikas, 1971,
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4. Tyagi, A.R. - Public Administration
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9. प्रा. भोगले - लोक प्रशासन.
10. प्रा. बी.बी.पाटील - लोक प्रशासन.
11. प्रा.दि.का.गर्दे - लोक प्रशासन तत्व आणि तंत्र


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**Semester-I (Paper-IV)**
**THEORIES OF INTERNATIONAL RELATIONS**

Marks : Theory – 80
In.Ass – 20

**Unit-I** a) **International Relations** : Meaning, Nature, Scope, Development and Importance.
c) **Theories of International Relations** ; Realistic Theory, Game Theory and Pluralist Theory.

**Unit-II** a) **The Concept of National Power :** Its Constituents and Limitations.
b) **The Struggle for Power** : As Status Quo, as Imperialism and as Prestige.

**Unit-III** a) **The Management of National Power :** Balance of Power, Collective Security and Cooperative Security, Changing Nature of National Power.
b) **Diplomacy** : Meaning, Nature, Kinds and Function of Diplomat's.

**Unit-IV** a) **Disarmament and Arms Control** : Meaning, Merits-Demerits and Importance.
b) CTBT, NPT and PNE.

**Unit-V** a) **The Concept of Non Alignment :** Bases, Role and Relevance.
b) New International Economic World Order.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


1. P.Allan and K. Goldman (Eds.), The End of the Cold War, Dordrencht, Martinus Nijhoff, 1992.
2. A Appadorai, National Interest and Non-Alignment, New Delhi, Kalinga Publications, 1999.
3. R. Aron, Peace and War : A Theory of international relations, Laondon, Fontana, 1966.
4. R. Axelrod, the Evolution of Co-operation, New York, Basic Books, 1984.
5. D.A. Baldwin (Ed.), Neo-realism and Neo-liberalism, New York, Columbia University Press, 1993.
6. J.C. Bennett (Ed.), Nuclear Weapons and the Conflict of Conscience, New York, Charles Scribner's Sons, 1962.
7. D.G. Brennan (Ed.), Arms Control, Disarmament and National Security, New York, George Braziller, 1961.
8. K. Von Clausewitz, War, Politics and Power : Selections, Chicago, Henry Regnery Company, 1962.
९. डॉ.शैलेंद्र देवळणकर - समकालीन जागतिक राजकारण, विद्या बुक्स प्रकाशन, औरंगाबाद.
10. डॉ.वा.भा.पाटील - आंतरराष्ट्रीय संबंध, प्रशांत पब्लीकेशन, जळगांव
11. प्रा. वराडकर - आंतरराष्ट्रीय राजकारण.
12. C. Eleman land M.F. Elman (Ed.), Bridge and Boundaries : Historians, Political Scientists and the Study of International Relations, Masschusetts, MIT Press, 2001.
13. F.I. Greenstein and N.W. Polsby, Theory of International Relations, Reading Massachusetts, Addison-Weslley, 1979.
14. S.H. Hoffman, Essays in Theory and Politics of International Relations, Boulder Colorado, Westview Press, 1989.
15. K.P. Karunakaran, India in World Affairs Vols. 2, Delhi, Oxford University Press, 1952


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**Semester-II (Paper-IV)**

## Major Issues in Contemporary World Politics

Marks : Theory – 80
In.Ass – 20

**Unit-I** End of Cold War World : Meaning, Factors leading to the end of Cold War. Unipolarity and Diffusion in Regional Power Centres.

**Unit-I** North-South Dialogue and South-South Dialogue and their Major Issues.
Gender Issues : Theories, Conference, Impact of World Politics.

**Unit-III** Globalization : Meaning, Nature, its Advantage and Disadantage, Role of WTO, Liberalisation and its Changing Nature of State.

**Unit-IV** Environmental Issue : Environmental Degradation as Global Concerns its effects, Steps taken for Environmental Protection at International Level : Stockholm to Paris.

**Unit-V** Terrorism : Meaning, Factors which give ri se to Terrorism, Types of Terrorism, Effects of Terrorism on international Politics.
Human Rights : Meaning Nature and UDHR, Critically Examine of Human Rights.

**Distribution of Internal Marks**

i) Seminar … 10 Marks
ii) Educational Study Tour … 10 Marks
(a) Compulsory Report Writing – 05 Marks
(b) Interview of Local Leader - 05 Marks

**Reference Books :**


1. S.P. Varma, International System and Thrid World, New Delhi, Vikas Pub., 1988.
2. Vinaykumar Malhotra - International Relation.
3. Ghosh, Peu – International Relation, PHI Learning Pvt. Ltd., Delhi, 2009.
4. Prem Arora – Comparative Politics and International Relations, Bookhives, New Delhi.
5. Kashikar, M.S. – SAARC : Its Genesis, Develoopment &Prospects, Himalaya Publishing House, Mumbai, 2000.
6. P. Allan & Goldman (Ed.), The End of the Cold War, Dordrecht, Martinus Nijhoff, 1992.
7. A. Appadurai – National Interest and Non-Alignment, New Delhi, Kalinga, Publication, 1999.
8. R. Aron, Peace and War : A Theory of international relations, Laondon, Fontana, 1966.
9. S. Burchill Et. Al., - Theories of International Relations, Hampshire, Macmillan, 2001.
10. I. Claude – Power and International Relations, New York, Random House, 1962.
11. A.A. Couloumbis & Wolf – Introduction to International Relations : Power and justice, New York, Praeger, 1989.
12. K.W. Deutsch – The Analysis of International Relations, New Delhi, Prentice Hall, 1989.

13. Dougherty & Ofalzfraff Jr. – Contending Theories of Inernational Relations, Philadelphia, J.B. Lippincott Co., 1970.
14. J. Frankel – The Making of Foreign Policy, London, Oxford University Pres, 1963.
15. J. Fankel – Contemporary International Theory and the behavior of States, New York, Oxford University Press, 1973.
16. Greenstein and Polsby, Theory of International Relations, Reading Massachusetts, Addison-Weslley, 1979.
17. Groom & Lights (Ed.) – Contemporary International Relations : A Guide to Theory, London, Printer, 1993.
18. S.H. Hoffman – Essays in Theory and Practice of Internatinal Relations, Boulder Colorado, Westview Press, 1989.
19. K.J. Holsti – International Relations : A Framework of Analysis, Englewood Cliffs N.J. Prentice Hall, 1967.
20. Hans J. Margenthau – Politics Amond Nations, 6th Edition, Revised by K.W. Thompson, New York, Alfred Knopf, 1985.
21. W.C. Olson & A.J.R. Groom – International Relations : Then and Now, London, Harpercollins Academic, 1991.
22. J.N. Rosenau – International Studies and Social Sciences, Beverly Hills California, London, Sage, 1973.
23. M.P. Sullvan – Theories of International Politics : Enduring paradigm in a Changing World, Hampshire, Macmillan, 2001.
२४. डॉ.वसंत रायपूरकर - आंतरराष्ट्रीय संबंध, सुधारित आवृत्ती, श्री मंगेश प्रकाशन, नागपूर, २००६.
२५. फाडीया बी.एल., - आंतरराष्ट्रीय संबंध, साहित्य प्रकाशन सिरिज, आगरा.
२६. डॉ. बी.डी.तोडकर - भारत आणि जग, डायमंड पब्लीकेशन, पुणे, २०११
२७. प्रा. जॉन्सन बोर्जेस - संयुक्त राष्ट्र आणि ईतर आंतरराष्ट्रीय संघटना , डायमंड पब्लीकेशन, पुणे, २०११.
२८. डॉ.वसंत रायपूरकर - आंतरराष्ट्रीय संबंध, श्री मंगेश प्रकाशन, नागपूर, २००६.
२९. प्रा.बी.आय.कुळकर्णी, प्रा.अशोक नाईकवाडे - आंतरराष्ट्रीय संबंध, सिध्दांत आणि व्यवहार, श्री विद्या प्रकाशन, पुणे, २००४.
३०. डॉ.एस.सी.सिंहल, - आंतरराष्ट्रीय संबंध, लक्ष्मीनारायण अग्रवाल प्रकाशन, आगरा, २००८.
३१. डॉ.शैलेंद्र देवळणकर - आंतरराष्ट्रीय संबंध, विद्या बुक्स, औरंगाबाद.
३२. अरूण पेंडसे, उत्तरा सहस्त्रबुध्दे, - आंतरराष्ट्रीय संबंध, शीतयुध्दोत्तर व जागतिकीकरणाचे राजकारण, ओरियंट लॉंगमन, २००८.
33. डॉ.ज.रा.शिंदे व डॉ.प्रशांत अमृतकर - समकालीन जागतिक राजकारणातील प्रमुख समस्या, चिन्मय प्रकाशन, औरंगाबाद.

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**Appendix-D**

**Syllabi for M.A. Part-I (Philosophy)**

**Semester-I & II**

**Instructions :** There shall be Four Papers for Each Semester Ist and Semester-II Examinations. Each Paper will carry 100 Marks but 80 Marks for Theory Paper having 3 hrs. duration and 20 Marks for Internal Assessment. There shall be separate passing in Theory Paper and Internal Assessment. There shall be long answer type questions on any Two Units and Short answer type questions on any Three Units out of Five Units. Internal Assessment Marks shall be allotted on the basis of Home Assignment, Classroom Works, Participation in Seminar, Group Discussion, Paper Writing, Poster Presentation, Participa;tion in Activities and Observation of Subject Teacher.

**M.A. Part-I (Semester-I)**

| | | |
|---|---|---|
| Paper-I | (Compulsory) | : (A) Classical Indian Philosophy |
| Paper-II | (Compulsory) | : (A) History of Western Philosophy (Early Greek Philosophy) |
| Paper-III | (Optional) | : (A) Philosophy of Mind<br>OR<br>(A) Philosophy of Religion |
| Paper-IV | (Optional) | : (A) Contemporary Indian Thinkers<br>OR<br>(A) The Problems of Philosophy |

**M.A. Part-I (Semester-II)**
(Compulsory Papers)

Paper-I : (B) Classical Indian Philosophy
Paper-II : (B) History of Western Philosophy (Modern Philosophy)

**(Optional Papers)**

Paper-III : (B) Philosophy of Mind
OR
: (B) Philosophy of Religion
Paper-IV : (B) Contemporary Indian Thinkers
OR
(B) The Problems of Philosophy

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**M.A. Part-I**
**(Semester-I)**
**Paper-I (Compulsory)**
**(A) Classical Indian Philosophy**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

Unit-I Indian Philosophy : Meaning, General Characteristics & Aims.
Unit-II Philosophy of Geeta, Upnishada.
Unit-III Charvaka : Theory of Knowledge, Rejection of Transcendent Entities.
Unit-IV Jainism : Theory of Reality, **Saptabhang Nay.**
Unit-V Buddhism : Pratitya Samputtpad, Ksanikwad

**Recommended Books :**

1. Outlines of Indian Philosophy - M. Hiriyanna.
२. Outlines of Indian Philosophy - Jadunath Sinha, New Central Book Agency, Pvt. Ltd. Calcutta.
3. Indian Philosophy - Dhiren Datta & Chatterji.
4. History of Indian Philosophy Vol. I,II - S.N. Dasgupta.
५. भारतीय दर्शन - सिन्हा राजकिशोर.
६. भारतीय तत्वज्ञानाचा बृहद इतिहास - डॉ.ग.ना.जोशी.
७. भारतीय तत्वज्ञान - श्री.ह.दिक्षीत, फडके प्रकाशन, कोल्हापूर.

**Paper-II (Compulsory)**
**(A) History of Western Philosophy ( Early Greek Philosophy)**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

Unit-I The Ionians, Thales, Heraclitus, The Pythagoreans.
Unit-II Towards Scientific Attitude, Parmenides, Elaitic School.
Unit-III Empedocles and Anaxagoras, The Atmist, The Sophist.
Unit-IV Plato : Theory of Knowledge, Forms, Soul, Ethical, Social and Political Ideas.
Unit-V Aristotle : Categories, Elements, Principle of Ontology, Four Causes, Doctrine of Immortality, Ethics.

**Recommended Books :**

1. History of Philosophy - Frank Thrilly, Central Publishing House, Allahabad.
२. The Story of Philosophy - Will Durant, Pocket Books, New York
3. A History of Philosophy - F. Coupleston
4. Aristotle - W.D. Ross.
5. Introducing Philosophy - Robert C. Solomon, Hartcourt College, Publisher.
6. A Critical History of Western Philosophy - D.J O'Connor.
८. पाश्चात्य दर्शन की रूपरेखा - डॉ.बद्रीनाथ सिंह. आशा प्रकाशन, वाराणसी.
९. पाश्चात्य तत्वज्ञानाचा इतिहास, खंड १, २ व ३. - डॉ. ग.ना.जोशी.

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**Paper-III (Optional)**

**(A) Philosophy of Mind**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

| | |
|---|---|
| Unit-I | Philosophy and Philosophy of Mind, Nature, Scope and Problems. |
| Unit-II | Consciousness : The Third Person Account and the First Person Account. |
| Unit-III | Theories Concerning Consciousness and Body : Interactionism. Parallelism, Epiphenomenalism. |
| Unit-IV | Behaviourism, Methodology and Philosophical Behaviourism, Explanatory, Inadequacy, Cognitivism in Philosophy. |
| Unit-V | Gestalt Psychology; Gilbert Ryles Descartes Myth. |

**Recommended Books :**

1. Jerom a Shaffer - Philosophy of Mind, Prenctice Hall of India, Pvt.Ltd.
2. Gilbert Ryle - Concept of Mind.
3. Melvin Mery - Psychological Theory
4. Sigmund Freuid - Psycho-Analysis.

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**Paper-III (Optional)**

**(A) Philosophy of Religion**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

| | |
|---|---|
| Unit-I | Notion of God : Attributes : Relation to Man and the World (Indian and Western). |
| Unit-II | Proofs for the Existence of God & their Critique (Indian & Western) |
| Unit-III | Problems of Evil. |
| Unit-IV | Sour : Immortality, Rebirth and Liberation. |
| Unit-V | Reason, Revelation & Faith. |

**Recommended Books :**

1. Philosophy of Religion - John Hick.
२. Introduction to Religions Philosophy- Yakub Mashih.
3. Religious History of India - Dr.S.K. Vaid ALP Book 7/33, Ansari Road, Dariyaganj, New Delhi.
४. धर्माचे तत्वज्ञान - डॉ. ज.वा.जोशी.
५. धर्माचे तत्वज्ञान - डॉ. एस.जी.निगळ, संस्कार निकेतन, नाशिक.

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**Paper-IV (Optional)**

**(A) Contemporary Indian Thinkers**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

| | |
|---|---|
| Unit-I | M.K. Gandhi : Truth, Non-Violence, Trusteeship. |
| Unit-II | Dr. B.R. Ambedkar : Liberty & Equality. |
| Unit-III | Mahatma Fule : Humanistic View. |
| Unit-IV | S.Radhakrishnan : Spirituality & Science. |
| Unit-V | K.C. Bhattacharya : The Concept of Philosophy. |

**Recommended Books :**

1. Gandhi : Thought & Philosophy, Arise Publication, New Delhi.
2. S. Radhakrishnan : Eastern Religion & Western Thought.
3. D.R. Jatav : Social Philosophy of B.R. Ambedkar, Rawat Publication, Jaipur.
4. Selected Writings of Mahatma Fule.
5. K.C. Bhattacharya : Studies in Philosophy.

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**Paper-IV (Optional)**

**(A) The Problems of Philosophy**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

Unit-I Appearance and Realilty
Unit-II The Existence of Matter.
Unit-III The Nature of Matter.
Unit-IV Knowledge by Acquintance and Knowledge by Description
Unit-V On Induction

**Recommended Books :**

1. **Bertrand** Russel : The Problems of Philosophy, Oxford University Press.
२. डॉ.सु.वा.बखले - रसेलचे प्रॉब्लेम्स

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**M.A. Part-I**

**(Semester-II)**

**Paper-I (Compulsory)**

**(B) Classical Indian Philosophy**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

**Unit-I** Nyaya, Vaisheshik : Theory of Category, Theory of Appearance,Theory of Pramana.
**Unit-II** Samkhya : Prakriti, Purush, Kaiwalya.
**Unit-III** Yog : Citta, Cittavritti, Kavailya.
**Unit-IV** Mimansa : Theory Knowledge.
**Unit-V** Vedant Philosophy (Advait) : Brahma, Sadhan Chatushtya, Sattatray.

**Recommended Books :**

1. Outlines of Indian Philosophy - M. Hiriyanna.
२. Outlines of Indian Philosophy - Jadunath Sinha, New Central Book Agency, Pvt. Ltd. Calcutta.
3. Indian Philosophy - Dhiren Datta & Chatterji.
4. History of Indian Philosophy Vol. I,II - S.N. Dasgupta.
५. भारतीय दर्शन - सिन्हा राजकिशोर.
६. भारतीय तत्वज्ञानाचा बृहद इतिहास - डॉ.ग.ना.जोशी.
७. भारतीय तत्वज्ञान - श्री.ह.दिक्षीत, फडके प्रकाशन, कोल्हापूर.

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**Paper-II (Compulsory)**

**(B) History of Western Philosophy ( Modern Philosophy)**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

**Unit-I** Rene Descartes : Cogito Ergo Sum, Mind – body interaction.
Benedict Spinoza : The Concept of God, Substance, Atributes & Modes, Mind - body Problem.
G.W. Leibnitz : Doctirne of Pre-established Harmony, Monads, Sufficient Reason.
**Unit-II** John Lock : Ideas and their Classification, Knowledge and its Grades, Qualities, Substance.
George Berkelay : His Rejections, Esse Ist Percipi
David Hume : Impressions and Ideas, Judgement concerning relation of ideas, Skepticism.
Unit-III Immanual Kant : Critical Philosophy, Classification of Judgement, Synthetic and Analytic Judgement
Unit-IV Immanual Kant : Categorical Imperatives, Postulates.
Unit-V G.W. Hegel : The Dialectical Method, Absolute Idealism

**Recommended Books :**

1. History of Philosophy - Frank Thrilly, Central Publishing House, Allahabad.
2. A Critical History of Western Philosophy - D.J O'Connor.
३. The Story of Philosophy - Will Durant, Pocket Books, New York
4. A History of Philosophy - F. Coupleston
5. Introducing Philosophy - Robert C. Solomon, Hartcourt College, Publisher.
6. पाश्चात्य दर्शन की रूपरेखा - डॉ.बद्रीनाथ सिंह. आशा प्रकाशन, वाराणसी.
७. पाश्चात्य तत्वज्ञानाचा इतिहास, खंड १, २ व ३. - डॉ. ग.ना.जोशी.

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**Paper-III (Optional)**
**(B) Philosophy of Mind**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

**Unit-I** Materialism : Mind Brain, Identity Theory, Problem of Materialism, The Problem of Phenomenal Consciousness.

**Unit-II** Gilbert Ryle : Concept of "Knowing How and Knowing That"

**Unit-III** Psycho Analysis : The Unconsciousness, Psychic Determinism, Id Ego and Super Ego as Part of Psyche.

**Unit-IV** Theories of Action : Mental Events as a Cause of Action, The Theory of Agency, a PerformativeTheory.

**Unit-V** The Traditional Mind-body Problem, objection to dualism, Dificulties in Identity Theory, a double aspect account, The Person Theory, A reconsideration of Dualism.

**Recommended Books :**

1. Jerom a Shaffer - Philosophy of Mind, Prenctice Hall of India, Pvt.Ltd.
2. Gilbert Ryle - Concept of Mind.
3. Melvin Mery - Psychological Theory
4. Sigmund Freuid - Psycho-Analysis.

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**Paper-III (Optional)**
**(B) Philosophy of Religion**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

**Unit-I** Religious Experience : Nature and Object (Indian & Western)

**Unit-II** Religion Without God.

.

**Unit-III** Religion and Morality.

**Unit-IV** Religious Pluralism and the Problem of Absolute Truth.

**Unit-V** Nature of Religious Language, Analogical and Symbolic : Cognitive and Non-cognitive.

**Recommended Books :**

1. Philosophy of Religion - John Hick.
२. Introduction to Religions Philosophy- Yakub Mashih.
3. Religions History of India - Dr.S.K. Vaid ALP Book 7/33, Ansari Road, Dariyaganj, New Delhi.
४. धर्माचे तत्वज्ञान - डॉ. ज.वा.जोशी.
५. धर्माचे तत्वज्ञान - डॉ. एस.जी.निगळ, संस्कार निकेतन, नाशिक.

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**Paper-IV (Optional)**

**(B) Contemporary Indian Thinkers**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

Unit-I Sri Aurobindo : Phases of Realilty
Unit-II Sri Aurobindo : Hidden Forces of Life.
Unit-III J. Krishnamurti : The wearing of Mask.
Unit-IV Swami Vivekanand : Advaita Vedant.
Unit-V Swami Vivekanand : Meditation.

**Recommended Books :**

1. Sri Autobindo : The Life Devine.
2. Essential Writings of Sri Aurobindo.
3. J. Krishnamurti and Nameless experience : Rohit Mehta, Motilal Banarasidas.
4. Krishnamurti : Love & Freedom (Approaching a Mystery) : Peter Michel : Motilal Banarasidas.
5. Vedanta Philosophy : Swami Vivekananda.
6. Vedanta : Voice of Freedom : Swami Vivekanand.
7. श्री अरविंद दर्शन - प्रा. चिंचोळकर.
8. Meditation and its Methods : Swami Vivekananda.

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**Paper-IV (Optional)**

**(B) The Problems of Philosophy**

Time : Three Hours) (Theory : 80
(In.Ass. : 20

Unit-I Our Knowledge by General Principles.
Unit-II The World of Universals.
Unit-III Our Knowledge of Universals.
Unit-IV Truth and Falsehood
Unit-V The Value of Philosophy.

**Recommended Books :**

1. Bertrand Russel : The Problems of Philosophy, Oxford University Press.
२. रसेलचे प्रॉब्लेम्स - डॉ.सु.वा.बखले

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**Appendix-E**

**Instructions :**

1) The Theory papers shall have five units each.
2) There will be one question on each unit. Each question will have an alternate choice.
3) The theory paper shall be of three hours durations and each practical examination shall be of four hours duration.
4) The syllabus of each theory is based on five clock hours per week and each practical on six clock hours per week.
5) The strength of students for each practical / seminar batch shall not be more than ten students.
6) There shall be seminar for students of two clock hours per batch per week.
7) The total periods for each theory paper shall be of 60 per semester.
8) The total periods for each practical paper shall be of 72 per semester.
9) The student has to pass Theory, Practical and internal assessment separately.
10) Submission of certified Journal, field Report, Tour Report is compulsory. Without which students will not be allowed to appear for practical examination.
11) For the internal examination of 20 marks, the concerned subject teacher shall assess the students on following points.
    a) Viva-Voce / Seminar - 10 Marks.
    b) Assignments - 10 Marks.

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**M.A./M.Sc. Part-I**
**Semester-I**
**Paper-I**
**Principles of Geomorphology**

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Meaning, nature and scope of Geomorphology, Geological evolution of earth and Geological Time Scale. Development of Geomorphic Thoughts, A brief review of fundamental concepts in Geomorphology, Principle of Uniformitarianism, Catastrophism, Neo catastrophism. | 12 |
| Unit-II | Constitution of earth's interior. Evolution of continents and ocean basins: Continental drift Theory of Taylor and Wegner, Theory of plate tectonics. Geosynclines: Geosynclinal Theory of Kobber, Holme's Convection Current Theory, Theory of Istostasy. Endogenetic earth movements - Types, consequences and landforms. | 14 |
| Unit-III | Exogenetic Processes: Concept of gradation, agents and processes of gradation. Causes, Types and classification of Weathering, Mass movements, Erosional and depositional processes and resultant land forms and soil formation Concept of slope evolution, Slope Replacement Models. | 12 |
| Unit-IV | Geomorphic processes and resulting landforms: Fluvial, Glacial, Aeolian, Coastal and Karst Topography. | 12 |
| Unit-V | Application of Geomorphological knowledge in human life : Hydro-Geomorphology, Urban Geomorphology. Environmental Geomorphology, Geomorphic hazards. | 10 |

**References :**


1) Anhest, F., (1996) : 'Introduction to Geomrphology' Arnold, London, Sydney, Aukland.
2) Bloom, A.L. (1991) : 'Geomorphology, 2nd Ed. Englewood cliffs,' M.J. Prentice Hall.
3) Bloom, A.L. (2002) : 'Geomorphology: A Systematic Analysis of Late Cenozoic landforms,' Pearson Education Pvt. Ltd., Singapore.
4) Brierley G.J. & Fryirs, K.A. (2005) : 'Geomorphology and River Management,' Blackwell Publishing, Oxford U.K.
5) Briggs, K. (1985) : 'Physical Geography : Process and System,' Hodder and Stoughton, London.
6) Chorley, R.J. & Schumm, S.A. & Sugden, D.E. (1985) : 'Geomrphology,' Methuen & Co. Ltd., London, New York.
7) Chorley R.J. (1972) : 'Spatial Analysis in Geomorphology,' Methuen, London.
8) Cook, R.U. & Doornkamp, J.C. (1974) : 'Geomorphology in Environmental Management- An Introduction.' Clarendon Press, Oxford.
9) Dayal, P. (1996) : 'A Textbook of Geomorphology,' Shukla Book Depot, Patna.
10) Dury, G.H. (1959) : 'The face of the Earth,' Penguin Harmonds worth.
11) Engeln, O.D. Von (1944) : 'Geomorphology,' The Macmillan Company, New York.
12) Embleton and King : 'Glacial and Periglacial Geomorphology'.
13) Enayat Ahmad : 'Geomorphology'
14) Fairbridge, R.W. (1968) : 'Encyclopaedia of Geomorphology,' Reinhold, New York.
15) Garner H.F. (1974) : 'The Origin of Landscape – A Synthesis of Geomorphology, Oxford University Press, London.
16) Hart, M.G. (1986) : 'Geomorphology – Pure and Applied, George Allen and Unwin, London.
17) Kale V.S. & Gupta, A. (2010) : 'Introduction to Geomorphology,' University Press, Hyderabad.
18) King L.C. (1962) : 'The morphology of the Earth,' Hafner, New York.

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|---|---|---|---|
| 19) | Lal D.S. | : | 'Physical Geography. |
| 20) | Leopold, L.B., (1964) Wolman M.G. & Miller J.P. | : | 'Fluvial Processes in Geomorphology,' W.H. Freeman, San Francisco. |
| 21) | Lobeck A.K. (1939) | : | 'Geomorphology,' Mc Graw Hill, New York. |
| 22) | Mitchell, C.W. (1973) | : | 'Terrain Evaluation' Longmans, London. |
| 23) | Morgan R.S. & (1959) Wooldridge S.W. | : | 'Outline of Geomorphology : The Physical basis of Geography,' Longman Green, London. |
| 24) | Melhorn, W.N. (1976) and R.C. Flemal | : | 'Theories of Landform Development,' State University of New York, Binghamton. |
| 25) | Ollier, C.D. (1979) | : | 'Weathering,' Longman, London. |
| 26) | Pitty, A.F. (1971) | : | 'Introduction to Geomorphology,' Methuen, London. |
| 27) | Ritter D.F., (1995) Kochel R.C., Miller, J.R. | : | 'Process Geomorphology,' Wim C. Brown Publishers, Chicago. |
| 28) | Robinson, Harry (1969) | : | 'Morphology and Landscape,' University Tutorial Press Ltd., London. |
| 29) | Stoddart D.R. (ed.) (1996) | : | 'Process and Forms in Geomorphology,' Routledge, New York. |
| 30) | Skinner, B.J. & (1995) Porter, S.C. | : | 'The Dynamic Earth,' John Wiley, New York. |
| 31) | Sparks B.W. (1960) | : | 'Geomorphology' Longman, London. |
| 32) | Sharma, H.S. (ed) (1980) | : | 'Perspectives in Geomorphology,' Concept Publication, New Delhi. |
| 33) | Singh Savindra (1998) | : | 'Geomorphology,' Prayag Publication, Allahabad. |
| 34) | Strahler, A.H. (1992) and Strahler A.N. | : | 'Modern Physical Geography,' John Wiley and Sons, New Jersey. |
| 35) | Thornbury, W.D. (1960) | : | 'Principles of Geomorphology,' John Wiley, New York. |


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**M.A./M.Sc. Part-I**
**Semester-I**
**Paper-II**
**Oceanography**

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Nature and scope of Oceanography. – History of Oceanography. Distribution of land and water, Age and Origin of oceans, Major features of ocean basins: Continental shelf, Slope, Rise, Submarine channels, Hills, Ridges, Trenches and Abyssal plains. Bottom relief features of Pacific, Atlantic and Indian ocean. | 12 |
| Unit-II | Physical and Chemical properties of sea water: Chemical Composition, Distribution of temperature, salinity and density of oceans and seas, Ocean circulation: Interlink between atmospheric circulation and circulation patterns in the oceans. Ocean currents: Factors affecting on ocean currents, Currents of Pacific, Atlantic and Indian ocean, Oceanic waves tsunamis and tides, Thermohaline circulation and the oceanic conveyor belt. | 14 |
| Unit-III | Marine Biological Environment: Bio-geochemical cycles in the Ocean, Biozones, Types of organism: Plankton, Nekton and Benthos. | 10 |
| Unit-IV | Marine deposits : Classification of marine deposit, formation of coral reef, coral bleaching. Marine Resources: Biological resources, Mineral resources and Energy resources. Ocean as a store house of natural resources. | 12 |
| Unit-V | Human Impact on Marine Environment: Exclusive economic zones, Law of Sea, Sea ways, Effect of pollution on Marine Environment. Man and Marine Environment, Ocean and World geopolitics. | 12 |

**References :**


| | | | |
|---|---|---|---|
| 1) | Anikouchine, W.A. and Sternberg, R.W. | : | 'The world oceans : An Introduction to Oceanography.' |

2) Davis Richard J.A. (1986) : 'Oceanography- An Introduction to the Marine Environment' Wm. C. Brown, Iowa.
3) Duxbury, C.A. and Duxbury B. (1996) : 'An Introduction to the World's oceans' – C. Brown, Iowa, 2nd ed.
4) Davis R., and Fitzgerald, D. (2003) : 'Beaches and Coasts,' Wiley – Blackwell, Hoboken, New Jersey.
5) Day, T. (2008) : 'Oceans (Rev.Ed.),' Facts on File, New York.
6) Garrison, T. (2001) : 'Oceanography – An Introduction to Marine Science,' Brooks/Cole, Pacific Grove, U.S.A.
7) Garrison, T. (2012) : 'Essentials of Oceanography' (Sixth Edit) Brooks/Cole, Cengage Learning U.S.A.
8) Gross, M. Grant (1987) : 'Oceanography – A view of the earth,' Prentice – Hall Inc, New Jersey
9) King C.A.M. (1962) : 'Oceanography for Geographers.'
10) Lal D.S. : 'Oceanography.'
11) Pinet, P.R. (2009) : 'Invitation to Oceanography (5th Ed.),' Jones and Bartlet Publishers, Sudbury, Massachusetts.
12) Peter K.W. : 'An Introduction to Marine Environment.'
13) Sharma R.C. & Vatel M. : 'Oceanography for geographers.'
14) Stewart, R.H. (2008) : 'An Introduction to Physical Oceanography.'
15) Singh S. (2014) : 'Oceanography' Prayag Publication, Allahabad
16) Stewart R.H. (2008) : 'An Introduction to Physical Oceanography.'
17) Ummerkutty, A.N.P. (1985) : 'Science of The Oceans and Human Life,' N.B.T. New Delhi.
18) Weisberg J and Howard : 'Introductory Oceanography.'


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**M.A./M.Sc. Part I**
**Semester-I**
**Paper-III**
**Regional Planning and Development**

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Region – A conceptual frame work. Types of region: Formal and Functional, Uniform and Nodal, Single purpose and Composite region, Hierarchy of region, Methods of delineation of region. | 10 |
| Unit-II | Meaning, aims and objectives of regional planning, Types of planning, Merits and limitations of regional planning, Role of Geography in Planning. | 12 |
| Unit-III | Concept of growth and development, indicators of development, Measures of regional development, Models of Economic Growth – Rastow's model, Myrdal's concept of internal growth, Central place theory, Growth Pole, Growth foci approach. | 14 |
| Unit-IV | Planning in India – Regional disparities in India – Agricultural, Industrial, Rural-Urban, Need for regional planning in India, Rural and Urban planning, Planning for tribal areas, Hilly areas, Drought prone areas. | 12 |
| Unit-V | Salient features of Indian five year plans, Role of 'NITI Aayog' in the process of planning in India, Bottom-up approach in planning, Natural and cultural orientation of regional planning in India. | 12 |

**References :**


1) Abler, R., (1971) : 'Spatial Organization : The Geographers view of the world, Prentice Hall, Englewood Cliff, N.J.
2) Alden, J (1974) and Morgan : 'Regional Planning : A comprehensive view,' Leonard, Hill Book, Beds.
3) Adrill J (1974) : 'New Citizens Guide to Town and Country Planning,' Charies Knight and Company Ltd., London.

| | | | |
|---|---|---|---|
| 4) | Bhat L.S. (1973) | : | 'Regional planning in India,' Statistical Publishing society, Kolkata. |
| 5) | Chand, M (2003) and Puri, V.K. | : | 'Regional Planning in India,' Allied Publishers Pvt. Ltd., New Delhi. |
| 6) | Chandana R.C. (2000) | : | 'Regional Planning – A comprehensive Text,' Kalyani Publisher, Ludiana. |
| 7) | Cook, P. (1983) | : | 'Theories of planning and spatial development,' Hutchinson and company Ltd., London. |
| 8) | Chorley, R.J. (1967) and Hagget, P. | : | 'Models in Geography,' Methuen, London. |
| 9) | Christaller W. (1966) | : | 'Central Places in South Germany, Translated by C.W. Baskin, Prentice Hall, Eaglewood Cliff, New Jersey. |
| 10) | Diamond, D (ed) (1982) | : | 'Regional Disparities and Regional Policies,' Pergamom Press, Oxford. |
| 11) | Dickinson R.E. (1964) | : | 'City and Region- A geographical interpretation,' Routledge and Keagan Paul. |
| 12) | Dube, K.N. (1990) | : | 'Planning and Development in India,' Asia Publishing House, New Delhi. |
| 13) | Friedmann, J (1967) and Alonson, W. | : | 'Regional Development and Planning – A Reader,' MIT Press, Cambridge. |
| 14) | Glasson, J (2007) and Marshall, T. | : | 'Regional Planning,' Routledge, New York. |
| 15) | Glikson, Arthur (1955) | : | Regional Planning and Development,' Netherlands's Universities Foundation for international Co-operation, London. |
| 16) | Gosal, G.S. (1984) and Krishman, G. | : | 'Regional disparities in level of Socio-Economic Development in Punjab,' Vishal Publications, Kurukshetra |
| 17) | Government of India (1961) | : | 'Planning Commission : Third five year plan,' Chapter on Regional imbalances in development, New Delhi. |
| 18) | Hilborot, J.G.M. (1971) | : | 'Regional Planning,' Rotterdam University Press, Rotterdam. |
| 19) | Johnson, E.A.J. (1970) | : | 'The Organization of space in developing countries,' Harvard University Press, Cambridge. |
| 20) | Kulklinski, A.R. (1972) | : | 'Growth Poles and growth centers in Regional planning,' Mouton, The Hague |
| 21) | Kundu, A (1982) and Raza Moonis | : | 'Indian Economy – The Regional Dimension,' Spectrum Publishers, New Delhi. |
| 22) | Losch, A. (1954) | : | 'The Economics of location,' University Press, Yale, New Haven. |
| 23) | Mishra R.P. (2002) | : | 'Regional Planning in India,' Concept Publication Company, New Delhi. |
| 24) | Mishra H.N. (2005) | : | 'Regional Planning,' Rawat Publication, Jaipur. |
| 25) | Myrdal, G. (1957) | : | 'Economic Theory of Under Development region' Gerald Duckworth, London. |
| 26) | Sundaram, K.V. (ed.) | : | 'Geography of Planning, Essays in Honour of V.L.S. Prakasa Rao,' Concept Publishing Company, New Delhi. |
| 27) | Raza Moonis (ed.) (1988) | : | 'Regional Development,' Heritage Publishers, Delhi. |
| 28) | NITI AAYOG | : | Website **www.niti.gov.in** (National Institution for Transforming India.) |


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**M.A./M.Sc. Part-I**
**Semester-I**
**Paper-IV**
**Practical-I**

Marks : 100 No. of Periods-72

**Course Contents :**

| | | Marks |
|---|---|---|
| Unit-I | A) Methods of representation of relief : 1) Pictoral, 2) Mathematical<br>B) Map – 1) Definition, 2) Types of Maps, 3) Map as a data Model, 4) Tools of Map making: Lettering and symbolization of Map.<br>C) Study and interpretation of topographical map : Importance of topographical maps, Indexing – nomenclature, and numbering of topographical sheet, signs and symbols, colour system, Interpretation of SOI Topographical maps with reference to physical and cultural elements 1) Plains, 2) Plateau, 3) Mountains, 4) Sea coast, 5) Desert | 20 |
| Unit-II | A) Identification & Mapping of Drainage Pattern : 1) Dendritic, 2) Trellis, 3) Radial,<br>B) Drainage Analysis : 1) Calculation of Bifurcation ratio and drainage density, 2) Ordering, 3) Frequency, 4) Longitudinal Profile, | 20 |

| | | |
|---|---|---|
| | C) Identification and Mapping of slopes – 1) Steep, 2) Uniform, 3) Gentle, 4) Concave, 5) Convex and 6) Terraced slopes. | |
| Unit-III | Morphometric Analysis :<br>A) Graphical Methods: Drawing of Profiles- 1) Serial 2) Superimposed 3) Projected 4) Composite 5) Transverse or Cross Profile 6) Longitudinal 7) Reconstructed Profile.<br>B) Gradient and Slope : Calculation of gradient, Calculation of scales of slopes - I) Methods of representation of Gradients : 1) Fraction, 2) Percentage, 3) Mills, 4) Degrees.<br>C) Methods of Average slope determination. 1) Wentworth's Method, 2) Smith's Method, 3) Robinson's Method | 25 |
| Unit-IV | Drawing and interpretation of following graphs<br>1) Hypsographic curve, 2) Clinographic curve, 3) Altimetric frequency curves.<br>Intervisibility : Methods of determining intervisibility | 15 |
| Unit-V | Viva Voce and practical Record Book. | 20 |

**References :**


1) Basak N.N. (1994) : 'Surveying and leveling,' Tata Mc Graw Hill, Publishing Company Ltd., New Delhi.
2) Bygott, G.L. : 'Map Works and Practical Geography.'
3) Davis, Peter (1974) : 'Science in Geography : Data Description and Presentation, Vol.3, Oxford University Press, London.
4) Derk C.L. and Brown, U.S. : 'Interpretation of Topographical and Geological Maps.'
5) Deshpande R.S. (1958) : 'A Text Book of Surveying and leveling,' United Book Corporation, Poona.
6) King, C.A.M. (1978) : 'Techniques in Geomorphology, Edward Arnold Ltd., London.
7) Khullar Dr. (1997) : 'Practical Geography,' King Books Delhi.
8) कुंभार अर्जून डॉ. (१९९४) : 'प्रात्यक्षिक भूगोल' सुमेरू प्रकाशन, ठाणे.
9) Monkhouse F.J. (1971) and Wilkinson H.R. : 'Maps and Diagrams, Methuen & Co. Ltd. London.
10) Mishra R.P. (1969) and Ramesh A. : 'Fundamentals of Cartography,' Concept Publication, New Delhi.
11) Mahmood, Aslam (1977) : 'Statistical Methods in Geography,' Rajesh Publications, New Delhi.
12) Negi, Balbir Singh (1995) : Practical Geography, Kedarnath Ramnath, Mecrut and Delhi.
13) शिंदे एस.बी. (२००२) : 'नकाशा शास्त्र : प्रात्यक्षिक भूगोल' फडके प्रकाशन कोल्हापूर.
14) Singh R.L. (1990) : 'Elements of Practical Geography,' Kalyani Publishers, New Delhi and Ludhiana.
15) Singh R.L. & Singh R. (1991) : 'Map Works and Practical Geography,' Central Book Depot, Allahabad.
16) Strahler, A.N. (1964) : 'Quantitative Geomorphology of Drainage Basins and Channel Network : Handbook of Applied Hydrology,' Yen Te Chow, Ed., Section 4-II, McGraw Hills Book Company, New York.
17) Zakir Alvi (1998) : 'A Text Book of Practical Geography,' Vikas Publishing House Pvt. Ltd., New Delhi.


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**M.A./M.Sc. Part-I**
**Semester-I**
**Paper-V**
**Practical-II**

Marks : 100 No. of Periods - 72

**Course Contents :**

| | | Marks |
|---|---|---|
| Unit-I | Remote Sensing : Definition, Principles of Remote Sensing, Stages in remote sensing, Remote Sensing in India, Electromagnetic radiation, Interaction of EMR with earth's surface, Interaction with atmosphere, Platforms and Sensors, Multi-spectral scanners – Modes of scanning : Across-track (Whiskroom) and Along-track scanning (Pushbroom), Data Reception, Processing and product generation, Corrections : Radiometric, Atmosperic, Geometric corrections, Ground Investigation in support of Remote sensing, Signature – Spectral, Spatial, Temporal and Polarization. | 20 |
| Unit-II | Air photos and Photogrammetry : Elements of photographic system, Types, Scales and ground coverage, Resolution, Radiometric characteristic, Films, Filters, Aerial cameras, Film exposures, Geometric Fundamentals of Photogrammetry: Elements of Vertical Photographs Relief dis-placement, Image parallax, Aerial mosaics, Radial line methods, Air Photo interpretation – Instruments used, Elements : Shape, size, pattern, tone, texture, shadows, site. | 20 |
| Unit-III | Geographic information system : Introduction to GIS, Components and elements of GIS, Nature of GIS data – Spatial and Attribute data, Data interpolation methods, Topographic representation model : Digital Elevation Model (DEM) and Triangulated. Irregular Network (TIN), Application of GIS: GIS as a decision support system, Application of GIS in land information system, Urban management, Environmental management and Emergency response system. | 20 |
| Unit-IV | Application of Computer : Basics of Computer, Computer as a tool of digital cartography, Use of computer and application in geography, Preparation of map and diagrams with the help of computer – Columnar diagrams, Divided Rectangles, Divided circles, Chorochromatic maps, Isopleth maps and Choropleth maps. | 20 |
| Unit-V | Viva Voce & Practical Record Book | 20 |

**References :**


1) Aronoff, S. (1989) : 'Geographic Information System: Management Perspectives,' DDI Publication.
2) Ashish Sarkar : 'Practical Geography : A Systematic Approach,' Orient Longman Ltd, Kolkatta
3) Avery Thomas (1977) Eugene : 'Interpretation of Aerial Photographs, Burgess Publishing Co., Minnesota.
4) Avery T.E. (1992) and Berlin G.L. : 'Fundamental of Remote Sensing and Air Photo Interpretation,' Macmillan, New York.
5) Burrough P.A. (1986) : 'Principles of Geographic Information System for Land Resources Management,' Oxford University Press, New York.
6) Barrett E.C. (1992) and Curtis L.F. : 'Fundamental of Remote Sensing and Air Photo Interpretation,' Macmillan, New York.
7) Campbell J. (1989) : 'Introduction to Remote Sensing,' Guilford, New York.
8) Curran Paul, J. (1988) : 'Principles of Remote Sensing, Longman, London.
9) Khullar (1997) : 'Practical Geography,' King Books Delhi.
10) Lo, C.P. Albert (2002) & K.W. Yeung : 'Concepts and Techniques of Geographic Information System, Prentice Hall of India Pvt. Ltd., Delhi
11) Monkhouse F.J. (1971) and Wilkinson HR. : 'Maps and Diagrams,' Methuen & Co. Ltd., London.
12) Singh R.L. (1979) : 'Elements of Practical Geography,' Kalyani Publishers, Ludhiana, Delhi.


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**M.A./M.Sc. Part-I**
**Semester-II**
**Paper-I**

## Principles of Climatology

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**SANG**

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Nature and scope of Climatology, Relationship of Climatology with Meteorology, Composition and Structure of Atmosphere, Weather Elements and Climatic Controls. | 10 |
| Unit-II | Insolation and Heat balance of the earth, Green House effect, Vertical and Horizontal distribution of temperature and its seasonal variations, Process of heat energy transport, Lapse rate & Inversion of Temperature, Atmospheric Moisture: Humidity, Condensation, Precipitation. | 12 |
| Unit-III | Atmospheric Pressure and Wind : Pressure measurement and distribution, General circulation of the atmosphere, Factors affecting winds, Types of Winds – Geostrophic wind, Gradient wind and local winds, Modern views about space and wind system, Jet stream, Origin and Mechanism of Monsoon : Classical and recent views. | 14 |
| Unit-IV | Air Masses : Origin, classification and Types, Fronts : Front genesis and frontolysis – classification of fronts, Polar front Theory, Tropical, Extra – tropical and temperate cyclones, Anticyclones. Water spouts, Weather forecasting, Role of satellite in weather forecasting. | 12 |
| Unit-V | Climatic classification: Koppen's, Thornthwaite's and Genetic classification. Evidences of climatic change, Global warming, Impact of climate on soils, agriculture, Location and site of settlement, Health, Human behaviour. | 12 |

**References :**


1) Ayoade, J.O. (1983) : 'Introduction to climatology for Tropics, John Wiley and Sons Ltd., New York.
2) Barry, R.G. (1998) and Chorley R.J. : 'Atmosphere, Weather and climate, Routledge,' London and New York.
3) Bhutani, Smita (2000) : 'Our Atmosphere,' Kalyani Publishers, Ludhiana.
4) Byers R.H. (1974) : 'General Meteorology' Mc Graw Hill BK Co., New York.
5) Critchfield, H.J. (1990) : General climatology (Fourth edi) 'Prentice Hall, India, New Delhi.
6) Das P.K. (1987) : 'Monsoon, National Book Trust, New Delhi.
7) Fein, J.S. (1987) and Stephens, P.N. : 'Monsoon, Wiley Inter science.
8) Frederick K (1995) and Edward J. Tarbuck : 'The Atmosphere : An Introduction to Meteorology, Prentice Hall of India Pvt. Ltd., New Delhi.
9) Griffiths, J.F. (1966) : 'Applied Climatology- An Introduction,' Oxford University Press, London.
10) Harp, H.J. (1990) and Trinidade, O.D. (eds) : 'Climate and Development, Springer Verlag U.S.A.
11) Hobbs, J.E. (1980) : 'Applied Climatology' Butterworth, London.
12) Lal D.S. (1997) : 'Climatology,' Sharda Pustak Bhavan, Allahabad.
13) Lutgens, F.K., (2012) Tarbuck, E.J. and Tasa D.G. : The Atmosphere : An Introduction to Meteorlogy, Prentice Hall, New Jersey.
14) Lydolph, P.A. (1989) : 'The climate of the Earth,' Rowman.
15) Menon, P.A. (1989) : 'Our Weather, NBT New Delhi.
16) Miller, A (1983) : 'Elements of Meteorology,' Merrill, Columbia.

| | | | |
|---|---|---|---|
| 17) | Navarra,J.G. (1979) | : | 'Atmospere, Weather and Climate,' W.B. Saunder's Company, Philadelphia |
| 18) | Oliver J.E. (1973) | : | 'Climate and Mans Environment, John Wiley and Sons, New York |
| 19) | Peterson, S. (1969) | : | 'An Introduction to Meteorology,' McGraw hill Book, London. |
| 20) | Robinson, P.J. (1999) and Henderson, S. | : | 'Contemporary Climatology,' Henlow |
| 21) | Savindra Singh (2000) | : | 'Climatology' Prayag Pustak Bhavan, Allahabad. |
| 22) | Shastri Rama | : | 'Weather and Weather forecasting, Ministry of Information and Broadcasting, Delhi. |
| 23) | Subramanyam, V.P. (ed) (1983) | | Contribution to Indian Geography, Heritage Publishers, New Delhi, a) Vol. III- General Climatology, b) Vol. IV – Applied Climatology. |
| 24) | Thompson, R.D. (1997) and Perry A. (ed) | : | 'Applied Climatology – Principles and Practices, Routledge London. |
| 25) | Trewartha, G.T. (1980) | : | 'An Introduction to climate,' McGraw Hill, New York. |


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**M.A./M.Sc. Part-I**
**Semester-II**
**Paper-II**
**Biogeography**

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Nature, scope and development of Biogeography, Elements of Biogeography, Plant and Animal classification: Taxonomic, Ecological and Climatic. Raunkiaer's and Grime's classification. Geographical basis of plant and animal classification. | 12 |
| Unit-II | Biogeographic processes, Evolution, Adoption, Speciation, Extinction, Succession, Colonization and Dispersal. Environment Habital and Plant-animal association, Biome types and biodiversity in India. | 12 |
| Unit-III | Plant Geography : Elements of plant geography, factors influencing on very existence and distribution of plants, Plant and soil association, Plants and climate association, Distribution of forest in the world, National forest policy in India, Laws of forest conservation in India. | 12 |
| Unit-IV | Zoogeography – Introduction to Zoogeography, Evolution of animals: Review of evolutionary principles. Animal characteristics, Environmental adaptations, Camouflaging and luminescence, Zoogeographical regions of the world, Species invasions and biotic homogenization, Environmental control on animals. | 12 |
| Unit-V | Palaeobotanical and palaeo climatological records of Environmental change in India. Geological Time scale - flora and fauna associated with specific period. Preservation and conservation of flora and fauna through resource management. | 12 |

**References :**


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|---|---|---|---|
| 1) | Agarwal, D.P. (1992) | : | 'Man and Environment in India through Ages, Book and Book. |
| 2) | Barry C. (1977) | : | 'Biogeography – An Ecological and Evolutionary Approach, oxford. |
| 3) | Bradshaw, M.J. (1979) | : | 'Earth and living planet,' ELBS, London. |
| 4) | Cole M.M. (1975) | : | 'Recent development in biogeography,' Longman, London. |
| 5) | Danserau P. (1957) | : | 'Biogeography-An ecological perspective, Renold press New York. |

6) Darlington, P.J. (1957) : 'Zoogeography : The geographical distribution of animals, John Wiley and Sons, New York.
7) Furley P.A. (1983) & Newly W.N. : ' Geography of Biosphere, Butterworth, London.
8) Gaur, R. (1987) : 'Environment and Ecology of Early Man in Northern India,' R.B. Publication corporation.
9) Hoyt J.B. (1992) : 'Man and The earth,' Prentice Hall, U.S.A.
10) Huggett, R.J. (1998) : 'Fundamental of Biogeography, Routledge, U.S.A.
11) Illis, J. (1974) : 'Introduction to Zoogeography,' Mcmillan, London.
12) Khoshoo, T.N. (1991) and Sharma M (eds) : 'Indian Geosphere – Bio-sphere,' Har-Anand Publication, New Delhi.
13) Mathur H.S. (2003) : 'Essentials of Biogeography,' Pointers Publishers, Jaipur.
14) Martin C. (1975) : 'Plant Geography,' Methuen, London.
15) Muller P.(1986) : 'Biogeography, Harper and Row,' New York.
16) Pears N. (1985) : 'Basic Biogeography Longman, London.
17) Robinson, H. (1972) : 'Biogeography, Mac-Donald and Evans, London.
18) Seddon, B.A. (1971) : 'Introduction to Biogeography, Gerald Duckwork and Co.
19) Simmon I.G. (1974) : 'Biogeography : Natural and Cultural,' Longmon, London.
20) Watts David (1971) : 'Principles of Biogeography, McGraw Hill, London.


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**M.A./M.Sc. Part-I**
**Semester-II**
**Paper-III**
**Geography of Tourism**

Marks : 100

Theory : 80
Int.Ass. : 20
No. of Periods-60

**Course Contents :**

| | | Periods |
|---|---|---|
| Unit-I | Definition, nature scope and significance of Geography of Tourism, Types of Tourism, Geographical basis of Tourism : Relation between Geography and Tourism, Factors affecting Tourism, Elements of Tourism, Tourism as an industry. | 12 |
| Unit-II | Impact of tourism: Physical, economical, social and cultural, Perceptional, Positive and negative impacts of Tourism, Concept of eco-tourism and Sustainable tourism, New trends in Tourism, Globalization and Tourism. | 10 |
| Unit-III | Tourism planning and development: Concept and issues, Strategic tourism planning, Infra structure and support system for tourism, Role of accessibility of Tourist places in the development of Tourism industry, Evaluation of Tourism potential. | 12 |
| Unit-IV | Indian Tourism Industry: Regional dimensions of tourism industry in India, Evolution of Tourism, Promotion of Tourism, Role of ITDC and MTDC in the promotion of Tourism, Indian Hotel industry, Government policies for planning and promotion of Tourism in India with special reference to Maharashtra. | 14 |
| Unit-V | Role of foreign Capital in The development of Tourism industry, Environmental laws and Tourism. The organization of Tourism, The National Tourism organization, Dimensions of world Tourism, International Tourist movements. | 12 |

**References :**


1) Bhatia A.K. (1978) : 'Tourism in India, Sterling Publication, New Delhi.
2) Bhatia A.K. (1996) : 'Tourism Development : Principles and practices,' Sterling Publishers, New Delhi.
3) Bhatia A.K. (1991) : 'International Tourism – Fundamental and Practices, Sterling Publishers New Delhi.
4) Burkal, A.J. (1974) : 'Tourism, Past Present and Future,' Heineman London.

| | | | |
|---|---|---|---|
| 5) | Chandra R.H. (1998) | : | 'Hill Tourism : Planning and Development,' Kanishka Publisher, New Delhi. |
| 6) | Cosgrove, I (1972) and Jackson R | : | 'The Geography of Recreation and Leisure,' Hutchison. |
| 7) | C. Michell Hall | : | 'Tourism Planning, Policies and Relationship. |
| 8) | Das, M (1999) | : | 'India-A Tourist Paradise, Sterling Publishers, New Delhi. |
| 9) | Gearing charles, E (1976) | : | 'Planning for Tourism Development,' Praeger Publication, New Delhi. |
| 10) | Hunter C (1995) and Green H | : | 'Tourism and The Environment : A Sustainable Relationship,' Routledge, London. |
| 11) | Inskeep, E. (1991) | : | 'Tourism planning : An Integrated and Sustainable Development Approach,' Von Nostrand and Reinhold, New York. |
| 12) | Kaul R.K. (1985) | : | 'Dynamics of Tourism and Recreation,' Inter-India, New Delhi. |
| 13) | Kaur J. (1985) | : | 'Himalayan Piligrimages and New Tourism,' Himalayan Book, New Delhi. |
| 14) | Lea J. (1988) | : | 'Tourism Development in the Third World,' Routledge, London. |
| 15) | Lawbon, F. (1977) & Bauet B | : | 'Tourism and Recreation Development,' CBI Publication. |
| 16) | Lunderg, D.E. (1996) | : | 'Tourist Business, Cehners Book International, Boston. |
| 17) | Lew, A.A., (2014) Hall, C.M. and Williams, A.M. (ed) | : | 'Tourism,' Wiley – Black well, Hoboken. |
| 18) | Milton D. (1993) | : | 'Geography of World Tourism,' Prentice Hall, New York. |
| 19) | Pearce D.G. (1987) | : | 'Tourism Today : A Geographical Analysis,' Logman, Harlow. |
| 20) | Robinson, H. (1996) | : | 'A Geography of Tourism,' Macdonald and Evans,' London. |
| 21) | Sharma J.K. (ed) (2000) | : | 'Tourism Planning and Development – A new perspective,' Kanishka Publishers, New Delhi. |
| 22) | Shaw G (1994) and Williams A.M. | : | 'Critical issues in Tourism – A geographical perspective,' Oxford, Black well. |
| 23) | Sinha P.C. (ed) (1998) | : | 'Tourism Impact Assessment,' Anmol Publishers, New Delhi. |
| 24) | Smith, L.J.S. (2010) | : | 'Tourism Analysis : A Hand-Book,' Halstead Press, Sydney. |
| 25) | Theobald (ed) (1994) | : | 'Global Tourism : The Next decade,' Oxford, Butterworth, Heinemann. |
| 26) | Voase R. (1995) | : | 'Tourism : the Human Perspective,' Hodder & Stoughton London. |
| 27) | William A.M. and Shaw G. (eds) | : | 'Tourism and economic development - Western European Experiences,' Belhaven, London. |
| 28) | White, J. (1967) | : | 'History of Tourism,' Leisure Arts, London. |


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**M.A./M.Sc. Part-I**
**Semester-II**
**Paper-IV**
**Practical-I**

**Marks : 100** **No. of Periods – 72**

**Course Contents :**

| | | |
|---|---|---|
| Unit-I | Nature and sources of climatic data, Indian daily weather report and its format, Reproduction of weather details by weather signs and symbols, Interpretation of Indian daily weather maps-Winter season, Summer season, Rainy season. Construction of Weather Station Models, Weather forecasting. | Marks 20 |

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|---|---|---|
| Unit-II | Techniques of climatic data analysis – Graphs<br>1) Climograph – Griffith Taylor and E.E. Foster's climograph<br>2) Climatograph<br>3) Hythergraph<br>4) Ergograph<br>5) Ogilvie Ergrograph<br>6) Water balance OR Budget graph<br>7) Running means and Trend graph<br>8) Frequency graph | 20 |
| Unit-III | Techniques of climatic data analysis Maps - Diagrams<br>1) Equivariables and equipluves<br>2) Rainfall dispersion diagram<br>3) Simple, Compound and Octagonal Wind rose.<br>4) Index of Aridity and index of Moisture.<br>5) Isopleth maps. | 20 |
| Unit-IV | Identification and Mapping of Landforms from Topographical maps 1) Ridge, 2) Saddle 3) Col 4) Pass 5) Spur 6) Plateau 7) Escarpment 8) Cliff 9) Waterfall 10) River Terraces 11) 'U'-shaped valley 12) 'V' shaped valley | 20 |
| Unit-V | Viva voce and Practical Record. | 20 |

**References :**


1) Critcified H.J. (1990) : 'General Climatology,' Prentice Hall Of India, New Delhi.
2) Khullar Dr. (1997) : 'Practical Geography,' King Books, Delhi.
3) कुंभार अर्जून डॉ. (१९९४) : 'प्रात्यक्षिक भूगोल' सुमेरू प्रकाशन, ठाणे.
4) Lawrence, G.R.P. : 'Cartographic Methods,' Mathur Co. London.
5) Mather, J.R. (1974) : 'Climatology, Fundamentals and Applications,' McGraw Hill Book Co. New York.
6) Mishra R.P. (1986) and Ramesh A. : 'Fundamental of Cartography'
7) Monkhouse, FJR (1971) and Wilkinson H.R. : 'Maps and Diagrams,' Methuen, London.
8) Negi B.S. (1995) : 'Practical Geography' 3rd Edn, Kedar Nath Ram Nath Meerut and Delhi.
9) Robinson, A.H. (1995) : 'Elements of Cartography,' John Wiley & Sons, U.S.A.
10) Sarkar A.K. (1977) : 'Practical Geography: A Systematic Approach,' Orient Longman, Kolkata.
11) Singh and Kanojia (1972) : 'Map Work and Practical Geography,' Central Book Depot, Allahabad.
12) Singh Gopal (2001) 'Map Works and Practical Geography,' Vikas Publishing House Pvt. Ltd.
13) Singh R.L. (2004) and Singh R.B. : 'Elements of Practical Geography,' Kalyani Publishers, New Delhi, Ludhiana
14) Singh R.L. (2011) : 'Fundamentals of Practical Geography,' Sharda Pustak Bhavan, Allahabad.
15) Trewartha G.T. (1980) : 'An Introduction to Climate,' McGraw Hill Book Co. New York.


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**M.A./M.Sc. Part-I**
**Semester-II**
**Paper-V**
**Practical-II**

**Marks : 100** **No. of Periods – 72**

**Course Contents :**

| | | Marks |
|---|---|---|
| Unit- I | Surveying<br>A) Definition, Principles of surveying Uses of surveying, Types of Surveying, Classification of Survey, Methods of Surveying.<br>B) Surveying and preparation of Contour Map Cadastral Map using i) Thedolite ii) Total station | 20 |
| Unit-II | A) Dumpy level survey: Plotting the longitudinal profile.<br>B) Sextant: Calculation of height, accessible and inaccessible Method.<br>C) Measurement of height by Abney level and Indian Clinometer, accessible and inaccessible Method. | 20 |
| Unit-III | Village Survey with the help of plane table, measurement of height by Abney level, Indian clinometer. Identification and plotting of soil types, cropping pattern in the field area, and general land use. Collection of socio-economic data with the help of Questionnaire. Preparation and submission & survey report. | 25 |
| Unit-IV | Visit to any tourist place for: perception studies, Analysis of Tourism impacts, Preparation and submission of Tour Report with photograph. | 15 |
| Unit-V | Viva voce and Practical Record Book. | 20 |

**References :**


1) Deshpande R.S. (1958) : 'A Text Book, of surveying and leveling,' United Book corporation Poon.
2) कुंभार अर्जून डॉ. (१९९४) : 'प्रात्यक्षिक भूगोल' सुमेरू प्रकाशन, ठाणे.
3) Kaul, R.K.(1985) : 'Dynamics of Tourism and Recreation,' Inter India, New Delhi.
4) Khullar Dr. (1997) : 'Practical Geography,' King Books, Delhi.
5) Lawrence, G.R.P. : 'Cartographic Methods, Mathur Co. London.
6) Mishra R.P. (1986) and Ramesh A. : 'Fundamental of cartography.'
7) Negi B.S. (1995) : 'Practical Geography' 3rd Edn, Kedar Nath Ram Nath Meerut and Delhi.
8) Pearce, D. (1987) : 'Tourism Today : A Geographical Analysis,' Longman Scientific and Technical, New York
9) Robinson, A.H. (1995) : 'Elements of Cartography,' John Wiley & Sons, U.S.A.
10) Sarkar A.K. (1977) : 'Practical Geography: A Systematic Approach, Orient Longman, Kolkata.
11) Singh and Kanojia (1972) : 'Map Work and Practical Geography,' Central Book Depot, Allahabad.
12) Singh Gopal (2001) 'Map Works and Practical Geography,' Vikas Publishing House Pvt. Ltd.
13) Singh R.L. (2004) and Singh R.B. : 'Elements of Practical Geography,' Kalyani Publishers, New Delhi, Ludhiana
14) Singh R.L. (2011) : 'Fundamentals of Practical Geography,' Sharda Pustak Bhavan, Allahabad.
15) Smith, L.J.S. (2010) : 'Practical Tourism Research, CABI, Wallingford.
16) Smith, L.J.S. (2010) : 'Tourism Analysis : A Handbook, Halstead Press, Sydney.


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**Appendix-F**

M.A. I (HOME ECONOMICS) EXAMINATION
PAPER I
FAMILY RESOURCE MANAGEMENT
(Semester I)

Time: 3 hrs for Theory paper

Total Marks : 100
Theory : 70
Sessional : 30

**Objectives:**

1. To know the fundamentals of family resource management
2. To understand the various concept and principles of management and its functions
3. To gain knowledge regarding skills, methods and tools for managing resources
4. To become aware about the importance of time and energy management
5. To learn the concepts, principles, techniques of management of family and personal finance

Course Content

**Unit I : Introduction to family resource management**

i. Nature, scope, significance and functions of Human resource management
ii. Concepts and activities of family resource management
iii. Development of managerial activities

**Unit II : Concept of management**

i. Roles of values, goals and standard in management process
ii. Management applied to the use of resources within and outside home.
iii. Concept and evaluation of residential course, managerial abilities in residential course, Evaluation of rotation of duties.

**Unit III : Decision Making**

i. Role of decision making in family resource management
ii. Steps in decision making
iii. Financial decision making and analysis

**Unit IV : Time and Energy Management**

i. Process of time and energy management
ii. Role of time and energy management in different stages of life cycle.
iii. Tools in time management
iv. Fatigue and energy management

**Unit V : Management of family finance**

i. Methods and techniques in money management
ii. Managing family income budgets
iii. Investment options and risk
iv. Managing debit, credit and borrowing

Sessional :

1. Applied Management program with reference to time, energy and money management.
   - Residential course/ Event management
2. Survey related to Human/Family resource management
3. Seminar

**Distribution of Marks:**

Practical- (Marks 30)

1. Record Book : 05
2. Residential course/event management : 10
3. Survey : 10
5. Seminar : 05

**M.A. I (HOME ECONOMICS) EXAMINATION**
**(Semester II)**
**PAPER I**
**FAMILY RESOURCE MANAGEMENT**

Time: 3 hrs for Theory paper

Total Marks : 100
Theory : 70
Sessional : 30

**Objectives:**

1. **To know the fundamentals of family resource management**

**Unit I : Kitchen planning, Interior decoration and solid waste management**

i. Concept and Importance of housing. Factors affecting planning of home.
ii. Kitchen planning according to important operations. Modern kitchens.
iii. Planning and furnishing a home
iv. Techniques of solid waste management

**Unit II : House hold equipment's and care**

i. Selection of equipment's
ii. Safe operation of appliances
iii. Care and cleaning of electric appliances- Refrigerators, Mixers, Electric Kettles, Irons, Washing Machine, Geysers, Hot Plates,
iv. Care and Precautions in the use of non-electric appliances

**Unit IV : Work Simplification**

i. Definition and importance of work simplification
ii. Modes of work simplification
iii. Techniques of work simplification- Pathway chart, Process chart, operation chart, Micro motion film analysis, cyclograph and chronocyclograph
iv. Mundel's class of change

**Unit IV : Ergonomics**

i. Definition, Aims and scope of ergonomics
ii. Introduction to anthropometry and application of anthropometry in product design
iii. Man, Machine environment interphase
iv. Behavioral ergonomics – Work related stress, stress management

**Unit V : Applied Work Physiology**

i. Factors affecting physical work performance
ii. Energy expenditure of work, rest and leisure
iii. Physiological Fatigue
iv. Energy balance study

**Sessional :**

1. Path analysis (bed making/tea making)
2. Case study (any one)
   - Work space design- documentation of work space design- Presentation
   - Solid waste management (city/institutions/parks etc) - presentation
3. Anthropometry and It's application
   -Field survey- data collection- Documentation-Presentation

**Distribution of Marks:**

**Sessional- (Marks 30)**

1. Path analysis (bed making/tea making) : 10
2. Case study : 10
3. Field survey : 10

**M. A. Part I HOME ECONOMICS**
**Semester I**
**PAPER II**
**HUMAN DEVELOPMENT**

Time – 3 hrs for Theory

Full Marks- 100
Theory – 70
Sessional – 30

**OBJECTIVES:**

1. To introduce the students to the major concept of human development.
2. To provide the information to the students about the characteristics of children with special needs.
3. To acquire the knowledge of personality development.
4. To make the students aware of entrepreneurship.

**COURSE CONTENTS:**

**Unit 1 – Introduction**

1.1 Meaning and definition of Human development.
1.2 Scope and significance of Human development.
1.3 Stages of Human development.
1.4 Human Development and Family Relationship.
1.5 Methods of child study.
   a. Running Record
   b. Interview Method
   c. Observation Method
   d. Biographical
   e. Case Study Method
   f. Experimental Method.

**Unit 2 – Early Childhood**

2.1 Meaning, definition and Significance
2.2 Characteristic and care of early childhood.
2.3 Moral attitude and behaviours
2.4 Social development and activities
2.5 Emotions and Emotional expression
2.6 Physical development tasks in early childhood.
2.7 Play Interest and speech development.

**Unit 3 – Puberty**

3.1 Meaning and definition of puberty
3.2 Characteristic of puberty
3.3 Development tasks and social development
3.4 Problems during puberty
3.5 Physical changes and growth during puberty
3.6 Emotions and Emotional behavior

**Unit 4 – Personality Development**

4.1 Meaning, Concept and significance of personality development.
4.2 Factors affecting personality development.
4.3 Determination of personality development
4.4 Importance of personality development and stages.
4.5 Communication skill and personality development

**Unit 5 – Entrepreneurship**

5.1 Definition and characteristics of an entrepreneur.
5.2 Human development and entrepreneur.
5.3 Entrepreneurship development and employment promotion
5.4. Factors affecting the entrepreneur's role.
5.5 Essential quality for self employment.
5.6 Preparation of self employment.

**Sessional Marks- 30**

a. Seminar on related topic – 10 marks
b. Visit to entrepreneur centre – 10 marks
c. Unit Test, Common Test and Attendance – 10 marks
Total – 30 Marks

(Survey, Seminar, Record book to be maintained)

**Reference Books:**

1. Barookh, Premila – Nursery schools in India.
2. Desojh N.E.- Advanced Education Psychology
3. Fontana Davind – Personality and Education
4. Graves, F. P. – Great Education's of three centuries.
5. Gardner, D. Bruce – Development of early childhood
6. Hurlock Elizabeth – Child Development Psychology
7. Jill, K.R. – Nursery Schools for All, Neil 1972
8. Logan, Lillian – Teaching the young child
9. Moonc, S.B. and Richard, P. – Teaching in nursery education.
10. चंदावसकर नलिनी – किशोरावस्था, म.वि.ग्रं.नि. मंडळ, नागपूर
11. देव, प्रफुल्ल, एन व रायजादा विपिन सिंह - बाल मनोविज्ञान
12. काळे, प्रेमला, -बाल मानसशास्त्र
13. योगेंद्रजीत भाई - बाल मनोविज्ञान

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## M. A. Part I HOME ECONOMICS
## II$^{nd}$ Semester
## PAPER II
## HUMAN DEVELOPMENT

Time – 3 hrs for Theory

Full Marks- 100
Theory – 70
Sessional – 30

**OBJECTIVES:**

1. To acquire the knowledge of early childhood education
2. To give the students a broad comprehensive view of the child at each stage of his development.
3. To acquire the knowledge of Government Agency.

**Unit 1: Late Childhood**

1.1 Meaning and definition of Late childhood.
1.2 Moral development and behavior of late childhood.
1.3 Social development in late childhood
1.4 Importance of discipline in moral development
1.5 Characteristic of early childhood
1.6 Speech development in late childhood.

**Unit II: Adolescence**

2.1 Definition and characteristic of Adolescence.
2.2 Problems of adolescence and stages
2.3 Social behavior during adolescence
2.4 Physical growth in adolescence
2.5 Vocational interest and Hobbies in Adolescence.
2.6 Social changes during Adolescence
2.7 Gang and Leadership

**Unit III: Government Agency**

3.1 Fundamental Responsibility of entrepreneur.
3.2 Self Employment potentials in Home-economics
3.3 Guiding principles of self employment
3.4 Government Agency and scheme for women development.
3.4.1 Mahila Arthik Vikas Mahamandal Maryadid
3.4.2 Swarna Jayanti Gram Swa-Rojgar yojana.
3.5 Importance and function of self help group and needs of self help group.

**Unit IV: Early Childhood Education**

4.1 Balwadi and Kg Education. Its objectives, functions and curriculum.
4.2 Staff and other personnel, Academic qualification and personal characteristics.
4.3 Concept and definition of parent education and importance of early childhood education.
4.4 Parents teacher meeting.
4.5 Parents, teacher and child relationship.

**Unit V: Old Age**

5.1 Concept and definition of old age.
5.2 Physical changes and care of old age.
5.3 Problems of old age
    5.3.1 Familial problems
    5.3.2 Social Problems
    5.3.3 Psychological problems
5.4 Concept and types of old age homes, advantage and Disadvantage of old age homes.
5.5 Need of old age care

**Sessional Marks:**

a. Seminar on related topic – 10 marks
b. Visit to entrepreneur centre or self help group – 10 marks
c. Unit Test, Common Test and Attendance - 10 marks.

Total – 30 marks

(Survey, Seminar, Record book to be maintained) Total – 30 Marks

**Reference Books:**

1. Barookh, Premila – Nursery schools in India.
2. Desojh N.E.- Advanced Education Psychology
3. Fontana Davind – Personality and Education
4. Graves, F. P. – Great Education's of three centuries.
5. Gardner, D. Bruce – Development of early childhood
6. Hurlock Elizabeth – Child Development Psychology
7. Jill, K.R. – Nursery Schools for All, Neil 1972
8. Logan, Lillian – Teaching the young child
9. Moonc, S.B. and Richard, P. – Teaching in nursery education.
10. चंदावसकर नलिनी – किशोरावस्था, म.वि.ग्रं.नि. मंडळ, नागपूर
11. देव, प्रफुल्ल, एन व रायजादा विपिन सिंह - बाल मनोविज्ञान
12. काळे, प्रेमला, -बाल मानसशास्त्र
13. योगेंद्रजीत भाई - बाल मनोविज्ञान

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**M.A.Part- I**
**SEMESTER - I**
**PAPER - III**
**Textile, Clothing and Fashion Designing**

**Time-**
Theory 3 Hrs.
Practical 4 Hrs,

**Full Marks: 100**
Theory: 70
Practical : 30

**Objectives:**
1 To understand the importance of Textile and Clothing
2 To develop an understanding of different types of fibers, yarns and fabric construction
3 To gain the knowledge of different textile finishes.
4 To gain the knowledge of dyeing and printing
5 To get knowledge of different types of design placement and regional embroidery

**Unit I: Introduction to Textile.**
1.1 Introduction to textile and clothing.
1.2 Revolution in clothing and its causes.
1.3 Classification of Textile Fibers. Manufacturing Process, Properties and uses of
i) Natural fibers - Cotton, Silk, Wool, Linen, Jute,
ii) Man Made - Artificial Fibers, Viscose, Rayon, Polyester, Nylon Fiber, Mineral Fibers (Fiber Glass and Metallic fibers) Metallic fibers

**Unit II: Fabric Construction.**
2.1 Yarn Formation - Mechanical and Chemical Spinning.
2.2 Types of yarns - Simple, Novelty, Textured Yarn.
2.3 Fabric construction- Methods of Fabric Construction. Felting, Knitting, Braiding, Weaving.

**Unit III : Finishes**
3.1 Finishes- Definition, Classification and Purpose of Finishes.
3.2 General Finishes- Scouring, Bleaching, Tentering, Singeing and Sizing.
3.3 Special Finishes- Mercerizing, Special Calendering, Water proof and water repellant, Fire proof, Wrinkle resistant, Shrinkage control (Sanforizing) and Embossing.

**Unit IV: Dyeing and Printing.**
4.1 Classification of Dyes-
*Natural Dyes*
i- Vegetable Dyes ii- Animal Dyes iii- Mineral Dyes.
*Synthetic Dyes*.
i- Acid Dyes ii- Direct Dyes iii- Basic Colour
iv- Mordant Dyes v- Reactive Dyes vi- Vat Colour
vii- Sulphur Dyes viii- Azoic Napthal Colour
ix- Disperse dyes x- Pigment Dyes.
4.2 Selection of Dye,
*Methods of Dyeing*-
i- Stock Dyeing ii- Top Dyeing iii- Yarn Dyeing
iv- Piece Dyeing v- Dope or Solution Pigmenting
vi- Garment Dyeing
Identifying Dyeing defects.
4.3 Methods of Fabric Printing-
i- Tie and Dye ii- Batik iii- Screen
iv- Stencil v- Roller vi- Block Printing

**Unit V: Embroideries**
5.1 History of Embroidery - Indian and Abroad, Influence of Foreign Embroidery over Indian Embroidery, Machine Embroidery **.**
5.2 Selection of design for Embroidery, Types of Printing Design and care during the Printing Design.
5.3 Importance and types of Regional Embroideries of India.
i- Kashmiri Embroidery ii- Manipuri Embroidery
iii- Kasuti of Karnataka iv- Chikankari of Uttar Pradesh
v- Phulkari of Punjab vi- Kantha Embroidery of Bengal
vii- Applique work of Bihar viii- Chamba Rumal of Himachal Pradesh
ix- Kutch Embroidery of Gujrat x- Kathiwadi Embroidery of Gujrat

## Practical

**Time-** 4 Hrs, Marks : 30

**Class Work:**

1 Record Book and preparing an album of samples (Handkerchiefs) of following Regional Embroideries of India. Marks : 10

i- Kashmiri Embroidery
ii- Manipuri Embroidery
iii- Kasuti of Karnataka
iv- Chikankari of Uttar Pradesh
v- Phulkari of Punjab
vi- Kantha Embroidery of Bengal
vii- Applique work of Bihar
viii- Chamba Rumal of Himachal Pradesh
ix- Kutch Embroidery of Gujrat
x- Kathiwadi Embroidery of Gujrat

2 Making **any one** of the following article using regional embroidery stitches.
Kamiz Yoke / Sleeves / Boarder / Wall frame / Cushion Cover / Pillow Cover / Children ware / Sari / Scarf / Wall hanging Marks : 05

**Practical Examination :** **Total Marks : 30**
**Time : 4 Hrs.**

| | | |
|---|---|---|
| 1 | Embroidery Sample (any two) . . . . . | 12 |
| 2 | Viva. . . . . | 03 |
| 3 | Class Work | |
| | i- Record Book and Album . . . . . | 10 |
| | ii- Making Article (any one). . . . . | 05 |
| | | **Marks : 30** |

**Reference Books:**


i. Allyn Bans : Creative Clothing Construction.
ii. Baxamusa Ramdas M and K Gupte Girija : Assistance for Women's Development from National Agencies : Popular Prakashan, Bombay.
iii. Deulkar Durga: Household Textiles and Laundry work.
iv. Katherene Hess : Textile Fibers and their use.
v. Nicholas Drake : Fashion Illusion Today.
vi. Sloane G.: Illustration Fashions
vii. Savitri Pandit : Regional Embroidery
viii. Womgate Osabe : Fiber to Fabric.
ix. अढाऊ विमल : वस्त्रशास्त्र : म.वि.ग्रंथ निर्मीती मंडळ, नागपूर
x. अढाऊ विमल : वस्त्रविज्ञान : श्रीकांत प्रकाशन, अमरावती
xi. हेगडे, कृ.म.: शास्त्रोक्त शिवणकला : परशुराम प्रोसेस, पुणे
xii. वैरागडे उज्वला, अग्रवाल अन्विता : वस्त्रशास्त्राची संकल्पना व फॅशन डिझायनिंग
xiii. नाडकर्णी रामचन्द्र : स्वयंरोजगार - मंत्र आणि तंत्र, मनोरमा प्रकाशन, मुंबई
xiv. वाघ सुरेश : उद्योग ज्ञानदिप, महाराष्ट्र उद्योग विकास केद्र, औरंगाबाद
xv. Yalda Vijaya Laxmi, Jasnai Sucheta : Home Science-Kalyani Publishers, New Delhi.

**M.A.Part- I**
**SEMESTER - II**
**PAPER -III**
**Textile, Clothing and Fashion Designing**

| | |
|---|---|
| **Time-** | **Full Marks: 100** |
| Theory 3 Hrs. | Theory: 70 |
| Practical 4 Hrs, | Practical : 30 |

**Objectives:**
1 To gain knowledge about history and basic elements of Garment Construction.
2 To develop the skill of making paper pattern for different types of garments.
3 To get knowledge of different types of regional costumes.
4 To acquaint the students with latest fashion in clothing construction.
5 To promote entrepreneurship skill among the students

**Unit I: History and Measurements of clothing.**
1.1 History of clothing, Psychological Effects of clothing and factors affecting selection of clothing.
1.2 Body measurements and its importance, Preparing Measurement Chart
1.3 Method of Pattern Making-
i- Drafting ii- Draping iii- Flat Patterns

**Unit II: Clothing Construction-**
2.1 Basic elements in garment construction.
Types of Seam.
2.2 Types of Fullness
i- Tucks ii- Frills iii- Darts and Pleats
2.3 Types of Sleeves
i- Plain ii- Puff iii- Bell
iv- Leg-o-Mutton v- Petal vi- Circle Sleeves
Types of Neck lines
i- Plain ii- High iii- Boat Neck
Types of Collars
i- Flat ii- Peter Pan iii- Stand and
iv- Turtle Neck Collar.

**Unit III: Traditional Textile and Clothing of India.**

3.1 Traditional Textile of India -
Kalamkari, Patola, Himru-Amru, Pitambar, Dacca Muslin, Baluchar Buttedar, Kanjiwaram, Paithani, Chanderi and Maheshwari.
3.2 Traditional Costume of Northern India (Male & Female)
i- Kashmir ii- Himachal Pradesh iii- Punjab iv- Hariyana
v- Rajasthan vi- Gujrath
3.3 Traditional Costume of Central and Southern India (Male & Female)
i- Madhya Pradesh ii- Maharashtra iii- Bangal and Orisa
iv- Manipur v- Karnataka vi- Tamilnadu.

**Unit IV : Fashion Designing**

4.1 History of Fashion Designing/ Fashion Development, Concept of Fashion, Types and Principles of Design,

4.2 Fashion Cycle, Length of Cycle, Fashion Cycle- Cycles within the cycle, Recurring Cycle, Interrupted Cycle, Consumers Identification (Roll) with Fashion Cycle.

4.3 Factors influencing Fashion/ Fashion Cycle-
i- Economical ii- Technical iii- Geographical iv- Social
v- Cultural vi- Educational vii- Political Factors
viii- Religious Factor ix- Other factors

**Unit V: New Challenges and Self Employment**

5.1 Fashion adoption theories-
i- Trickle- Down Theory ii- Trickle- Across Theory
iii- Bottom-Up Theory.
Combination of Old and New Fashion in day-to-day life.

5.2 Scope of Fashion Designing-
i- Textile designing ii- Fashion Designing
iii- Fashion Marketing or Merchandising.
Fashion- a Big Business, Merchandise Plan, Cost Merchandising, Merchandising Evaluation, Fashion Concept / Fashion Merchandising.

5.3 New Challenges in Fashion Designing Industries.
Importance and advantages of Computer Designing in Self Employment.

**Practical**

**Time- 4 Hrs, Marks : 30**

**Class Work:**

1 *Record Book -* Marks : 10
Drafting- Draft details, Layout, Cutting, Stitching and finishing of **any two** garments from the following for the girls above 5 years of age and women .

i- Salwar ii- Chudidar. iii- Kurta iv- Top
v- Katori Blouse vi- Blouse with yoke vi- Gown.

Note- *Any **two** of the above garments be taught by the teacher during the semester with variation in neck and sleeves etc.*

2 *Scrap Book-* Marks: 05
Preparation of scrap book- Highlighting varieties of traditional and modern designs of **any two** garments taught during the semester.

**Practical Examination : Total Marks : 30**
**Time : 04 Hrs.**

1 Paper Drafting, Cutting and garment stitching and finishing (any one of that taught during semester) . . . . . 12
2 Viva. . . . . 03
3 Class Work
1- Record Book and Stitching and Finishing garments (any two) 10
2- Scrap book . . . . . 05
**Marks : 30**

**Reference Books:**


i. Allyn Bans : Creative Clothing Construction.
ii. Baxamusa Ramdas M and K Gupte Girija : Assistance for Women's Development from National Agencies : Popular Prakashan, Bombay.
iii. Nicholas Drake : Fashion Illusion Today.
iv. Sloane G.: Illustration Fashions
v. Savitri Pandit : Regional Embroidery
vi. Womgate Osabe : Fiber to Fabric.
vii. अढाऊ विमल : वस्त्रशास्त्र : म.वि.ग्रंथ निर्मीती मंडळ, नागपूर
viii. अढाऊ विमल : वस्त्रविज्ञान : श्रीकांत प्रकाशन, अमरावती
ix. हेगडे, कृ.म.: शास्त्रोक्त शिवणकला : परशुराम प्रोसेस, पुणे
x. वैरागडे उज्वला, अग्रवाल अन्विता : वस्त्रशास्त्राची संकल्पना व फॅशन डिझायनिंग
xi. नाडकर्णी रामचन्द्र : स्वयंरोजगार - मंत्र आणि तंत्र, मनोरमा प्रकाशन, मुंबई
xii. वाघ सुरेश : उद्योग ज्ञानदिप, महाराष्ट्र उद्योग विकास केद्र, औरंगाबाद
xiii. Yalda Vijaya Laxmi, Jasnai Sucheta : Home Science-Kalyani Publishers, New Delhi.

**M. A. Part I HOME ECONOMICS**
**Semester - I**
**Paper IV**
**Research Methodology and Statistics**

Time – 3 hrs for Theory
Periods per week – 06

Full Marks -100
Theory – 70
Sessional – 30

**OBJECTIVES:**

5. Understand meaning process and importance of research in Home-Economics
6. Select problem, tools and methods for conducting research.
7. Interpret data manually as well as on computer
8. Develop inclination and skill in preparing report.
9. Understand the use of computer in statastics.

**COURSE CONTENTS:**

**Unit 1 – Home Economics and Research**

1.6 History, Definition and objectives of Home-Economics.
1.7 Significance of research in Home-Economics.
1.8 Research application in different branches of Home-Economics – Food & Nutrition, Human Development, Consumer economics, Textile & Clothing.
1.9 Role of Home Economics to solve social problem of community.
1.10 The fields of Home-Economics and carrier opportunities.

**Unit 2 – Introduction of Social Research**

2.1 Meaning and definition of social research
2.2 Characteristics and concept of social research.
2.3 Types of research methods in social sciences – survey, case studies and experimental method.
2.4 Qualities of good researcher.
2.5 Importance and utility of social researcher.

**Unit 3 – Research Methods – Hypothesis**

3.1 Meaning and definitions of hypothesis.
3.2 Types of hypothesis
3.3 Importance of hypothesis formulation
3.4 Concept of null hypothesis and testing
3.5 Role of hypothesis to solve social problems.

**Unit 4 – Research Methods – Data Collection**

4.1 Definitions and importance of data
4.2 Types of data: Primary and secondary
4.3 Source of data: Primary sources and Secondary sources
4.4 Distinction between Primary and secondary data
4.5 Merits of primary and secondary source of data.

**Unit 5 – The sampling Technique**

9.1 Meaning and definition of sampling
9.2 Basic principal of sampling
9.3 Advantages or merits of sampling
9.4 Probability sampling
9.5 Non-probability sampling

**Sessionals:**

a. Report writing and submission of survey.
b. Attending, submission and presentation of seminar based on syllabus.
c. Develop questionnaire related to objectives.

**Distribution of marks:**

(a) 10 Marks
(b) 10 Marks
(c) 10 Marks
Total 30 Marks

**References:**


1. Chanda, A and Saxena, T.P., 1979 Style Manual for writing? Thesis, Dissertations and Papers in Social Science-Metropolitan Book Co. Pvt. Ltd. New Delhi.
   Chanda, P- 1992 – Project Preparation, Appraisal, Budgeting and Implementation.
   Tata Mc Graw Hill, New Delhi.
2. Gresswell, J- 1994 – Research Design: Qualitative and Quantitative Approaches – SAGE Publication.
3. Gavett E- 1977- Statistics in Psychology and Education.
4. Gupta, S.C.: Kappor, V.K. 1994 – Sultan Chand and Sons, Educational Publisher 23, Daryaganj, New Delhi – 110002.
5. Ingale, P.O.- 1999- Scientific Report Writing – Published by Sarala P. Ingale, 65, Bhagwan Nagar, Nagpur.
6. Kamath, R and Udipi S – Guide to Thesis Writing.
7. Kanji, G.K.- 100 Statistical Test – SACE Publication
8. Kothari, C.R. – 1995 Research Methodology Methods and Techniques – Vishwa Prakashan.
9. Kamath, R and Udipi, S.A. – 1989 – Guide to Thesis Writing S.N.D.T. Women University, Santacruz, Bombay – 400 049.
10. Patton, M.Q. 1980 – Qualitative Evaluation Methods – SAGE Publication.
11. Yadla Vijaya Lakshmi, Jasnal Sucheta: Home Science, Kalyani Publishers, New Delhi 2002.
12. भांडारकर, पी.एल.-सामाजिक संशोधन पद्धती
13. कायंदे, पाटील डॉ.गंगाधर वि- संशोधन पद्धती, संशोधन सिद्धान्त आणि व्यवहार - सामाजिकशास्त्र संशोधन पद्धती - शैक्षणिक संशोधनाची मूल तत्वे.
14. घाटोळे रा.ना. - समाजशास्त्रीय संशोधनतत्वे व पद्धती, प्रकाशक - श्री मंगेश प्रकाशन नागपूर – १०.
15. बोधनकर डॉ.सुधीर अलौणी विवेक, संगणकाची मूलतत्वे व चलन प्रणाली - साईनाथ प्रकाशन, नागपूर.
16. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे
17. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे, साईनाथ प्रकाशन, नागपूर (आवृत्ती – २००८)


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## M. A. Part I HOME ECONOMICS
## II$^{nd}$ Semester
## Paper IV
## Research Methodology and Statistics

Time – 3 hrs for Theory
Periods per week – 06

Full Marks- 100
Theory – 70
Sessional – 30

**OBJECTIVES:**

1. Understand the significance of research method in research.
2. Apply statistical techniques to research data for analyzing and interpreting.
3. To develop ability to present and interpret data in a research report.

**Course Content:**
**Unit 1: Tools of research.**

1.1 Observation :
   a. Definition and Characteristics of observation.
   b. Types of observation
   c. Merits and importance of observation method

1.2 Interview:
   a. Meaning and definition of interview.
   b. Characteristics and main objects of interview.
   c. Types of interview.

1.3 Questionnaire:
   a. Meaning and definition of questionnaire.
   b. Demerits or limitations of questionnaire.
   c. Types of questionnaire

1.4 Schedule.
   a. Definitions and objective of schedule.
   b. Process of preparing schedule.
   c. Steps, Utility or importance of schedule.

1.5 Case study method:
   a. Definition and characteristics of case study
   b. Types and procedure of case study.
   c. Importance, Techniques and limitation of case study.

**Unit 2 : Research Design.**

2.1 Meaning and definitions of research design.
2.2 Characteristics and objects of research design.
2.3 Exploratory Research Design
2.4 Descriptive Research Design
2.5 Diagnostic and experimental research design.

**Unit 3: Scaling Techniques**

3.1 Meaning, Difficulties and Utility of scales.
3.2 Measurement of attitude and difficulties in measuring attitudes.
3.3 Thurstone Technique of scale.
3.4 Likert Technique of scale.
3.5 Bogardus's Social distance scale.

**Unit 4: Scientific report writing.**

4.1 Basic preliminary – Introduction and statement of problems.
4.2 Objectives, Hypothesis and review of literature.
4.3 Methodology, result and discussion.
4.4 Summary and conclusion.
4.5 Implication and bibliography.

**Unit 5: Statistics**

5.1 Definition, concept, scope and functions of statistics.
5.2. Classification and tabulation of statistical data.
5.3 Central Tendency and their measures.
   5.3.1 Arithmetic average or mean, median, mode.
   5.3.2 Standard Deviation –
   a) Individual series b) Discrete series, c) Continuous series.
5.4 Co-relation Analysis
   5.4.1 Meaning, definition and concept of co-relation.
   5.4.2 Type and Importance of co-relations analysis.
   5.4.3 Karl Pearson's co-efficient of co-relation –
   a) Direct Method, b) Shortcut method
5.5 Chi-square test
   5.5.1 Meaning and concept of chi-square
   5.5.2 Important factors related to chi-squre
   a) Null Hypothesis b) Degree of freedom c) Level of Significance
   5.5.3 Methods of chi-square test

**Sessional – 30 marks**

a) Attending, submission and presentation of seminar bases on syllabus
b) Development of scale using scientific procedure in group
c) Synopsis writing

**Distribution of marks:**

(d) 10 Marks
(e) 10 Marks
(f) 10 Marks

**Total 30 Marks**

**References:**


1. Chanda, A and Saxena, T.P., 1979 Style Manual for writing? Thesis, Dissertations and Papers in Social Science-Metropolitan Book Co. Pvt. Ltd. New Delhi.
   Chanda, P- 1992 – Project Preparation, Appraisal, Budgeting and Implementation.
   Tata Mc Graw Hill, New Delhi.
2. Gresswell, J- 1994 – Research Design: Qualitative and Quantitative Approaches – SAGE Publication.
3. Gavett E- 1977- Statistics in Psychology and Education.
4. Gupta, S.C.: Kappor, V.K. 1994 – Sultan Chand and Sons, Educational Publisher 23, Daryaganj, New Delhi – 110002.
5. Ingale, P.O.- 1999- Scientific Report Writing – Published by Sarala P. Ingale, 65, Bhagwan Nagar, Nagpur.
6. Kamath, R and Udipi S – Guide to Thesis Writing.
7. Kanji, G.K.- 100 Statistical Test – SACE Publication
8. Kothari, C.R. – 1995 Research Methodology Methods and Techniques – Vishwa Prakashan.
9. Kamath, R and Udipi, S.A. – 1989 – Guide to Thesis Writing S.N.D.T. Women University, Santacruz, Bombay – 400 049.
10. Patton, M.Q. 1980 – Qualitative Evaluation Methods – SAGE Publication.
11. Yadla Vijaya Lakshmi, Jasnal Sucheta: Home Science, Kalyani Publishers, New Delhi 2002.
12. भांडारकर, पी.एल.-सामाजिक संशोधन पद्धती
13. कायंदे, पाटील डॉ.गंगाधर वि- संशोधन पद्धती, संशोधन सिद्धान्त आणि व्यवहार - सामाजिकशास्त्र संशोधन पद्धती - शैक्षणिक संशोधनाची मूल तत्वे.
14. घाटोळे रा.ना. - समाजशास्त्रीय संशोधनतत्वे व पद्धती, प्रकाशक - श्री मंगेश प्रकाशन नागपूर – १०.
15. बोधनकर डॉ.सुधीर अलौणी विवेक, संगणकाची मूलतत्वे व चलन प्रणाली - साईनाथ प्रकाशन, नागपूर.
16. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे
17. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे, साईनाथ प्रकाशन, नागपूर (आवृत्ती – २००८)


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**Appendix-G**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**
**SEMESTER SYSTEM SYLLABUS FOR PSYCHOLOGY**
**M. A.**
**SEMESTER-I and II**
**With Effect From 2017-2018**

## General Instruction

- The Examination in MA Psychology for each Semester will have 4 Theory Papers and 1 Practical. Each Theory Paper and Practical will have Maximum 80 Marks and 20 Marks for Internal Assessment. Minimum Passing Marks in each paper will be 40% and separate passing for Theory and Internal.
- There will be 4 theory periods for each paper and 4 periods for practical in a week, per batch of 10 students. Total 20 clock hours has teaching per batch in a week.
- Student will be allowed to appear in the Practical Examination with duly certified and completed practical record book signed by the teacher and Head of the Department.

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### M.A. Psychology, Semester I

| Paper | Title of the paper | Marks | Duration of examination | Internal Assessment Marks | Total Marks |
|---|---|---|---|---|---|
| | **A Theory** | | | | |
| I | Cognitive Psychology(CP1) | 80 | 3 Hrs | 20 | 100 |
| II | Research Methodology(RM2) | 80 | 3 Hrs | 20 | 100 |
| III | Advanced Social Psychology(ASP3) | 80 | 3 Hrs | 20 | 100 |

| | | | | | |
|---|---|---|---|---|---|
| IV | Personality(PER4) | 80 | 3 Hrs | 20 | 100 |
| | **B Practical** | | | | |
| V | Practical(PR5) | 80 | 3 Hrs | 20 | 100 |
| | **Total marks A + B** | **400** | | **100** | **500** |

## M.A. Psychology, Semester-II

| Paper | Title of the paper | Marks | Duration of examination | Internal Assessment Marks | Total Marks |
|---|---|---|---|---|---|
| | **A) Theory** | | | | |
| I | Advanced General Psychology(AGP1) | 80 | 3 Hrs | 20 | 100 |
| II | Research Design(RD2) | 80 | 3 Hrs | 20 | 100 |
| III | Statistics and Psychological Testing(PST3) | 80 | 3 Hrs | 20 | 100 |
| IV | Personality Theories(PT4) | 80 | 3 Hrs | 20 | 100 |
| | **B) Practical** | | | | |
| V | Practical (PR5) | 80 | 3 Hrs | 20 | 100 |
| | **Total Marks A + B** | **400** | | **100** | **500** |

## M. A. Psychology (CBS)
## Semester Pattern

**A** **Theory :**

Pattern of Examination

**Semester** : Five Papers for each Semester.

Maximum Marks to each Paper will be 80 and 3 Hours Duration of Examination.

**Instruction:**

A] All questions are compulsory

B] All questions carry equal marks

**Notes :**

1) Number of questions to be set in each paper will be Five
2) First four question from all four units and fifth question will be write eight very short answers from all units.
3) Two long answer questions and two short answer questions to be set on four units.
4) For every question, long answer type or short answer type, there will be an alternate choice. However, there shall be no internal choice in the question.
5) In each short answer Type Question there will be four sub Questions with no Internal Choice.

**B** **Practical :**

1) One Practical Examination in each Semester of 80 Marks and three Hours Duration.
2) Practical examination in each semester will be conducted by Internal and External Examiners appointed by the University.

**Distribution of Marks for Practical Examination (80 Marks)**

| | |
|---|---|
| 1) Record Book | 10 |
| 2) Conduct of Experiment | 10 |
| 3) Report of Experiment | 10 |
| 4) Viva Voce | 20 |
| 5) Seminar | 30 |
| Total | 80 |

**C Internal Assessment (20 Marks)**

1. Each paper will have Internal Assessment of 20 Marks.
2. Head of the Department will monitor Internal Assessment of the student on the basis of evaluation report from the concerned teacher/ teachers, under the supervision of the principle of the college and will be done at the end of each semester.

3. **Distribution of 20 Marks of Internal Assessment for Theory**
   a. Class attendance: 05
   b. Home assessment/unit test/common test 10
   c. Group discussion 05

4. **Distribution of 20 Marks of Internal Assessment for Practical**
   a. Attendance 10
   b. Performance During Academic Session 10

## Certificate
## Department of Psychology

Name of the College ----------

This is to certify that this practical record is original work done by Mr./Ms./Smt.---------- class ---------- Semester----------during the academic year----------.

He/she has submitted/not submitted the Home assignment/Unit test/Group Discussion report/Seminar as prescribed by S.G.B. Amravati University, Amravati.

Signature of the Teacher Signature of the Head of the Department

Signature of the External Examiner

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**Code : CP1**

**M.A. Psychology**
**Semester-I**
**Paper-I**
**Cognitive Psychology**

**Unit-I: Introduction to Cognitive Psychology :**

A Origin and current status, Cognitive Psychology and related field.

B Characteristics of human information processing: Feature Analysis, Hierarchical organization, parallel processing. Representation and processing of knowledge: Mental representation, Mental Procedures Cognitive Neuroscience: Brain Lesion, Brain Imaging.

**Unit-II: Cognition and Language :**

A Cognitive Phenomenon: Cognitive Style, cognitive structure, cognitive consistency and cognitive map

B Language: Language Acquisition (Cognitive Theory), Language Processing (comprehension and language expression), Multilingualism and Cognition,
Language and Speech Disorders

**Unit-III: Attention and Perception :**

A Attention : Function of attention, theories of attention, Selective attention and divided attention, resource allocation, conscious and unconscious processing, neurophysiology of attention

B Perception : Theories of Perception: Gestalt, bottom-up, top-down, direction perception perceptual organization, application.

**Unit-IV: Thinking and Problem Solving :**

A Thinking : Types of Thinking, Theories of thought process: association gestalt, information processing, Component of Thinking: ideas, images, concepts Function of Thinking, Decision making

B Problem Solving : Nature and Process of problem Solving, Stages and strategies of Problem Solving, Theoretical approaches to Problem Solving, Impediments in Problem Solving

**Books Recommended :**


1. Baron, R. (2004) Psychology. New Delhi: Prentice – Hall of India.
2. Galloti,K.M.(2006).Cognitive psychology In and Out of the Laboratory. USA:Wadsworth/ Thomson Learning.
3. Glass, Lewis, A, Hylock,James,K.(1986). Cognition. McGraw Hill Book Company.
4. Jahnke, IC.,Nowaczyk, R.H.(1998). Cognition. New Jersey: Prentice Hall.
5. Kellogg, R.T. (2007). Fundamentals of cognitive Psychology. N.D.sage publication.
6. Matlin, M. W. (2006) Cognition, John Wiley & Sons, Inc. U.S.A.
7. Smith, E. E. & Kosslyn, S. M. (2007) Cognitive Psychology Mind and Brain. Prentice – Hall of India Private Limited.
8. Solso, R.L. (2004). Cognitive Psychology (6th ed. Delhi: Pearson Education
9. Stenberg, R.J. (2007). Cognitive Psychology. Australia:Thompson Wadsowrth


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**Code : RM2**

**M.A. Psychology**
**Semester-I**
**Paper-II**
**Research Methodology**

**Unit-I** **Introduction to Research Methodology**

- Concept and basic process in research. Problem and Hypothesis: concept, types, criteria and sources. Significance of problem and hypothesis in psychological research.
- Variables: Concept, types of variables, selection of variables, Techniques of experimental manipulation of variables, techniques of controlling extraneous variables. Sources of bias, Ethical issues in psychological research

**Unit-II** **Experimentation in Research**

Nature and characteristics of scientific research.
Types of Research: - Experimental research:- Laboratory experiments, Field experiments.
Non experimental research: - Filed studies, Ex-post facto research, Case study.
Survey research: - longitudinal, cross sectional

**Unit-III:** **Sampling**

Population and Sample, Meaning
Types of Sampling:-Probability Sampling Method:- Simple Random Sampling, Stratified Random Sampling, Area or Cluster Sampling
Non Probability sampling:- Quota sampling, Accidental sampling, Purposive sampling, Systematic sampling, Snowball sampling, Saturation sampling, Dense sampling
Sample Size, Sampling distribution and Sampling Error.

**Unit-IV: Techniques of Data Collection**

Techniques of data collection: observation, questionnaire and schedule, interview, survey, rating scale.

**Books Recommended :**


1. Banister, P., Burman, E., Parker, I., Taylor, M., & Tindall, C. (1994). Qualitative Methods in Psychology: A Research Guide. Philadelphia: Open University Press.
2. Sing A. K.. (2007). Test measurement and research methods in behavioural sciences: bharati bhawan pub. And dis – new delhi.
3. Broota, K.D. (1992). Experimental Designs in Behavioural Research. New Delhi: Wiley Eastern. Winer, B.J. (1971). Statistical Principles in Experimental Design. N.Y.: McGraw Hill
4. Camic, P.M., Rhodes, J.E., Yardley, S. (Eds.) (2003). Qualitative Researches in Psychology. Washington D.C.: APA
5. Glaser, B. G. & Strauss, A. L. (1973). The discovery of grounded theory: Strategies for qualitative research. Chicago: Aldine Pub.
6. Goodwin, C. J.(1995). Research in Psychology Methods and Design. New York: John Wiley & Sons.
7. Kaplil, .H. K. (2007). Research Methods (In Behavioural Science)(13th Ed). Agra: H.P. Bhargava Book House
8. Kerlinger, F.N.(1973). Foundation of Behavioural Research (2nd Ed.). N.Y.: Holt Rinehart & Wilson
9. Scott, W. A. & Wertheimer, M. (1962). Introduction to Psychological Research. N.Y.: John Wiley & Sons
10. Shaughnessy, J.J. & Zechmeister E. B.(1997). Research Methods in Psychology (4th Ed.). N.Y.: McGraw Hill


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**Code : ASP3**

**M.A. Psychology**
**Semester-I**
**Paper-III**
**Advanced Social Psychology**

**Unit-I:Introduction to Social Psychology**

Social psychology: definition, nature, scope, methods and goals of social psychology
Social psychology in the new millennium: cognitive perspective, multicultural perspective, biological and evolutionary perspective

**Unit-II: Social Cognition and Influence**

The self in social world: self concept, perceived self control, self esteem, self serving biases self presentation.
Social influence: concept, Pro-social behaviour and factors influencing to Pro-social behavior, altruism and bystander effect, inter personal Attraction
Social beliefs and judgments: attributing causality, fundamental attribution error, heuristics and automatic processing, reduction of error in social cognition, potential sources of errors in social cognition, affect and cognition

**Unit-III: Attitude, Prejudice and Discrimination**

Formation of attitude, how attitude influences behavior, attitude change
Persuasion: paths and elements of persuasion, resistance to persuasion, cognitive dissonance
Prejudice and Discrimination, Social Conflicts and Resolution

**Unit-IV: Aggression and Social problem**

Aggression: theoretical perspective, determinants of aggression and its causes
The prevention and control of aggression: punishment, catharsis, cognitive intervention and other techniques
Poverty, Gender Issues, Unemployment, Media Culture

**Books Recommended :**


1. Baron, R.A. ,Byrne, D. (2003). Social Psychology. New Delhi : Prentice – Hall of India. Schneider, W.F., Gruman, J.A., Coutts, L.M. (2005). Applied Social Psychology; Understanding and Addressing Practical Problems. Sage Pub. @ **www.sagepublications.com**
2. Bunk, A.P., Van Vugt, M. (2007). Applying Social Psychology; From Problems to Solutions. Sage Pub. @ www.sagepublications.com
3. Myers, D.G. (2005). Social psychology. New Delhi; Tata McGraw- Hill.
4. Snyder, C. R., Lopez, S. J. (2006). Positive Psychology; The Scientific and Practical Exploration of Human Strengths. Sage Pub. @ **www.sagepublications.com**
5. Tripathi, R.C. (1988). Applied Social Psychology. In J. Pandey. (Ed.) Pychology in India: The state-of-the art. (pp. 95 -157). New Delhi: Sage Pub.


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**Code : PER4**

**M.A. Psychology**
**Semester-I**
**Paper-IV**
**Personality**

**Unit I: Personality Psychology**

The concept of Personality : Nature, Definition and Heterogeneity.
Theory of personality: Characteristics, major components, evaluation of personality theory, important issues in personality theory.

**Unit II: Personality Assessment**

Methods used in Personality Study: Case History Method, Correlational Method, Clinical Method and Experimental method.
Assessment of Personality: Major Techniques of Assessment of Personality.
Personality Development: Heredity and Environment.

**Unit III : Psychoanalytic and Neo Psychoanalytic Theories**

S. Freud, C. Jung, A. Adler
E. Erikson, H. Sullivan, Mahler's object relation theory.

**Unit IV: Trait and Type Approach**

G. Allport, R. Cattell, H. Eysenck
Type A and Type B, McCrea and P Costa's Five factor Model.

**Books Recommended :**


1. Barabara, E (2006). Personality Theories (7th ed). New York: Houghton mifflin Company
2. Boeree, C. G. (2006) Personality Theories [http://www.ship.edu/%7Ecgboeree/perscontents.html
3. Burger J.M. (2000): Personality 5th edition, Wadsworth Thomson Learning, USA.
4. Ewen R. B. (2003) An introduction to theories of personality. 3rd edn. Lawrence Erlbaum Associates Inc. Hillsdale, New Jersey, London
5. Hall, C. s. & Linzey, G. (1991) Theories of Personality, 3rd edn.. John Wiley & Sons, Inc.U.S.A.
6. Pandey, J. (ed.) (2001) Personality and Health Psychology In Psychology in India Revisited. Developments in the discipline, sage Publication India Pvt ltd. New Delhi. India.
7. Pervin, L (2003). The Science of Personality. 2nd edn. Oxford University Press. New York
8. Samuel W (1981): Personality Mc Graw Hill International Book Company.
9. Schultz D.P. & Schultz S.F. (2001) Theories of Personality 7th edition Wadsworth Thomson Learning, USA.


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**Code : PR5**

**M.A. Psychology**
**Semester-I**
**Paper-V**
**Practicum's**

This Paper consists of Eight Laboratory Experiments and Seminar. Each Student shall complete Eight experiments and submit record book containing report of experiments.

Practical (Any Eight)

1 Depth Perception
2 Size Constancy
3 Filled Unfilled Time Perception
4 Reaction Time
5 Problem Solving
6 Concept Formation
7 Cognitive Distortion
8 Judgment Time
9 Weber's Law
10 Retinal Colour Zone
11 Size Weight Illusion
12 Phi Phenomenon

**Code : AGP1**

**M.A. Psychology**
**Semester-II**
**Paper-I**
**Advanced General Psychology**

**Unit-I Intelligence and Creativity :**

A Theories of Intelligence: G factors, the model of J P Das. Theories of Multiple Intelligence: Guilford, Gardner and Sternberg. Measurement of Intelligence, Diversity of mental abilities. Contextual Intelligence, Perceived Intelligence, Artificial Intelligence

B Creativity: nature, characteristics, creativity and Intelligence.

**Unit-II Learning and Memory :**

Learning: nature and theories of learning. Memory processes, stages of memory
Neuropsychological bases of Learning and Memory
Models of Learning and Memory. Information Processing in Learning and Memory. Application

**Unit-III Motivation and Emotion :**

A Motivation: concept, components and process of motivation.
Theories of motivation: Atkinson, Schacter, drive and needs hierarchy theory.

B Emotion: physiological bases of emotion: structure and role of limbic system
Theories of Emotion: evolutionary, neo-Jamesian and cognitive. Emotional intelligence: Nature, components of emotional intelligence, management of emotional intelligence.

**Unit-IV Human Development and Positive Psychology :**

A Human Development: nature, principles, of development.
Development during adolescence: Physical, Cognitive, social and emotional.
Challenges and issues in adolescent development. Adulthood and ageing: theories of aging, Changes: physical, cognitive and Psychological.
Challenges and issues in aging process.

B Positive Psychology: introduction, components, eastern and western perspective.

**Books Recommended :**


1. Baron, R.(2004) . Psychology. New Delhi: Prentice – Hall of India.
2. Bernstein, D.A., Penner, L.P., Clarke-Stewart, E.J. (2008). Psychology (8th Ed.). N.Y.: Houghton Miffin
3. Galloti, K.M. (2004) Cogitative Psychology in and out of laboratory. USA: Thomson Wadesworth.
4. Jahnke, IC.,Nowaczyk, R.H.(1998). Cognition. New Jersey : Prentice Hall.
5. Kellogg, R.T. (2007). Fundamentals of cognitive Psychology. N.D.sage publication
6. Matlin, M. W. (2006) Cognition, John Wiley & Sons, Inc. U.S.A.
7. Papalia,D.E.,Olds,S.W, Feldman,R.D.(2004).Human development (9th Ed.). New Delhi : Tata McGraw Hill
8. Shafter, D.R., Kipp,K. (2007).Developmental Psychology; Childhood & Adults. Haryana: Thomson Wadsworth
9. Snyder, C. R., Lopez, S.J.(2007).Positive Psychology; The Scientific and Practical Explorations of Human Strengths. Sage publications@ www,sagepublication.com
10. Solso, R. L.(2004). Cognitive Psychology (6th ed. Delhi: Pearson Education.)


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**Code : RD2**

**M.A. Psychology**
**Semester-II**
**Paper-II**
**Research Design**

**Unit-I Research Design :**

Meaning, purpose and criteria of research design. Between Group design: more than- two randomized groups design. Matched groups design, factorial design
Within group Design: single subject design, repeated measures designs, single factor repeated measures designs, two factor repeated measures designs.

**Unit-II Quasi Experimental Design :**

Meaning, Types of Quasi experimental design
Time series design, equivalent time samples design,
Non equivalent control group design, counter balanced design,
Separate sample pretest-post test design

**Unit-III Important Research Design :**

Randomized Block Design, Nested Design, Factorial Design, Latin Square Design,
Correlational and Comparative Design

**Unit-IV Qualitative Research :**

Introduction including ethnography
Analysis: Meta analysis, trend analysis, analysis of qualitative data
Interpretation: meaning, descriptive vs. discussion, narrow vs. broad
Research report writing (APA)

**Books Recommended :**


1. Banister, P., Burman, E., Parker, I., Taylor, M., & Tindall, C. (1994). Qualitative Methods in Psychology: A Research Guide. Philadelphia: Open University Press.
2. Broota, K.D. (1992). Experimental Designs in Behavioural Research. New Delhi: Wiley Eastern. Winer, B.J. (1971). Statistical Principles in Experimental Design. N.Y.: McGraw Hill
3. Sing A. K.. (2007). Test measurement and research methods in behavioural sciences: bharati bhawan pub. And dis – new delhi.
4. Camic, P.M., Rhodes, J.E., Yardley, S. (Eds.) (2003). Qualitative Researches in Psychology. Washington D.C.: APA
5. Glaser, B. G. & Strauss, A. L. (1973). The discovery of grounded theory: Strategies for qualitative research. Chicago : Aldine Pub.
6. Goodwin, C. J.(1995). Research in Psychology Methods and Design. New York: John Wiley & Sons.
7. Kaplil, .H. K. (2007). Research Methods (In Behavioural Science)(13th Ed). Agra: H.P. Bhargava Book House
8. Shaughnessy, J.J. & Zechmeister E. B.(1997). Research Methods in Psychology (4th Ed.). N.Y.: McGraw Hill
11. Kerlinger, F.N.(1973). Foundation of Behavioural Research (2nd Ed.). N.Y.: Holt Rinehart & Wilson
12. Scott, W. A. & Wertheimer, M. (1962). Introduction to Psychological Research. N.Y.: John Wiley & Sons


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**Code : PST3**

**M.A. Psychology**
**Semester-II**
**Paper-III**
**Psychological Statistics and Testing**

**Unit-I Introduction to Statistics :**
Descriptive and inferential Statistics
Type I and Type II error, Setting up the level of significance
Correlation and regression: product moment, rank difference, biserial,
Phi-coefficient, regression equation

**Unit-II Normal Distribution :**
Characteristics and application of Normal Distribution
Standard score, T, Z, z and Percentile, significance of mean differences,
Standard error of the mean.
**Analysis of variance (ANOVA)** Underlying Assumptions of ANOVA
'ANOVA' One way and Two way
Post –hoc comparisons: DMRT, Tuckey, Protected t

**Unit-III Non-Parametric Statistics :**
Introduction: Parametric and Non-Parametric statistics
sign test and U test, Chi square: Hypothesis of chance, hypothesis of equal probability, hypothesis of normal distribution

**Unit-IV Psychological Testing :**
Function and origins of psychological testing, Nature and use of the psychological test,
Ethical implications of testing, Standardized test, Meaning and psychometric properties, Item analysis, validity and reliability
Basic concept of measurement and interpretation, Norms and interpretation of test scores

**Books Recommended :**


1. Anastasi, A., Urbina, S. (2004). Psychological Testing (7th Ed.). India: Pearson Education Pvt. Ltd. (Indian Branch
2. Guilford, J.P. & Fruchter, B. (1978). Fundamental Statistics in Psychology and Education (6th Ed.). N.Y.: McGraw Hill
3. Mangal, S. K. (2007). Statistics in Psychology and Education (2nd Ed.). New Delhi: Prentice Hall of India.
4. King, B. M. & Minium, E.M. (2003). Statistical Reasoning in Psychology and Education (4th Ed.). U.S.A.: John Wiley & Sons
5. Aron, A., Aron, E.N. (1994). Statistics for Psychology. U.K.: Prentice Hall
6. Broota, K.D. (1992). Experimental Designs in Behavioural Research. New Delhi: Wiley Eastern. Winer, B.J. (1971). Statistical Principles in Experimental Design. N.Y.: McGraw Hill.


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**Code : PT4**

**M.A. Psychology**
**Semester-II**
**Paper-IV**
**Personality Theories**

**Unit-I Behavioural and Social Approach :**
Behavioural view of the Person
Pavlov, B. F. Skinner
*A.* Bandura, J. Rotter, Dollard and Miller

**Unit-II Cognitive Behavioural Approach :**
G. Kelly, Michell, A. Ellis, A. Beck

**Unit-III Humanistic and Existential Approach :**
C. Rogers, A. Maslow
R. May, V. Frankl

**Unit-IV The Indian Approaches to Personality :**
Guna theory-Srimabdhagvadgeeta
View point of Shri. Aurobindo
Gautam Budha- Abhidhama

**Books Recommended :**


1. Barabara, E (2006). Personality Theories (7th ed). New York: Houghton mifflin Company
2. Boeree, C. G. (2006) Personality Theories [http://www.ship.edu/%7Ecgboeree/perscontents.html]
3. Hall, C. s. & Linzey, G. (1991) Theories of Personality, 3rd edn.. John Wiley & Sons, Inc.U.S.A.
4. Nithiyanandan, V. (2008) Buddhist and western psychology comparative study. Global vision publishing house.
5. Pandey, J. (ed.) (2001) Personality and Health Psychology In Psychology in India Revisited. Developments in the discipline, sage Publication India Pvt ltd. New Delhi. India.
6. Pervin, L (2003). The Science of Personality. 2nd edn. Oxford University Press. New York
7. Samuel W (1981): Personality Mc Graw Hill International Book Company.
8. Schultz D.P. & Schultz S.F. (2001) Theories of Personality 7th edition Wadsworth Thomson Learning, USA.
9. Sri Aurobindo, The synthesis of Yoga (1970 - 73) Sri Aurobindo Birth Centenary Library, Sri Aurobindo Ashram Press, Pondicherry, India
10. Tilak B. G. (1986) Geeta Rahasysa or Karma Yoga Rahasya, B. s. Sukhtankar (Eng. Tra.) 6th edn Geeta printers, Pune, India


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**Code : PR5**

**M.A. Psychology**
**Semester-II**
**Paper-V**
**Practicum's**

This paper consists of eight Laboratory Experiment and Seminar
Each student shall complete eight experiments and submit record book containing report of experiment

**Practical (Any Four)**

1. Motivational Conflict
2. Paired Associate Learning
3. Ziegarnik Effect
4. Human Maze Learning
5. Normal Probability Curve
6. Conflict Resolution
7. Asthetic Colour Preference
8. Fatigue

**Test (Any Four)**

1. Intelligence
2. Creativity
3. Emotional Intelligence
4. Personality
5. Aptitude
6. Attitude

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**Appendix-H**

**Syllabus of M.A. (Sociology) as per Semester and Credit Grade System.**

**Semester I**
**Core Paper Compulsory**

Paper-I : Classical Sociological Thinkers
Paper-II : Methodology of Social Research
Paper-III : **Core Elective One Paper**
A) Perspectives of Indian Society
B) Rural Society In India
Paper-IV : **Core Elective One Paper**
A) Sociology of Religion.
B) Social Movements in India.

**Semester II**
**Core Paper Compulsory**

Paper-I : Classical Sociological Thinkers
Paper-II : Methodology of Social Research
Paper-III : **Core Elective One Paper**
A) Health and Society
B) Urban Society In India
Paper-IV : **Core Elective One Paper**
A) Cultural Anthropology & Tribal Studies
B) Social Movements In India.

**Semester III**
**Core Paper Compulsory**

Paper-I : Theoretical Perspectives In Sociology
Paper-II : Sociology of Change & Development
Paper-III : **Core Elective One Paper**
A) Industry and Society In India
B) Political Sociology
Paper-IV : **Core Elective One Paper**
A) Crime & Society in India.
B) Gender & Society

**Semester IV**
**Core Paper Compulsory**

Paper-I : Theoretical Perspective In Sociology
Paper-II : Sociology of Economic Development
Paper-III : **Core Elective One Paper**
A) Indian Sociological Tradition
B) Social Psychology
Paper-IV : **Core Elective one Paper**
A) Crime & Society In India.
B) Gender & Society
C) Dissertation / Research Project Report.

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**Syllabi of M.A. Part-I**
**Semester-I**
**Core Paper**
**Paper-I : Classical Sociological Thinkers**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I** : Rise and Development of Sociology and Sociological Theories.
A) The Social, Economic and Political Forces in the Development of Sociology and Sociological Theories.

B) Intellectual, Philosophical force in the Development of Sociology and Sociological Theories

**Unit-II** : Agust Comte :
A) Hierarchy of Sciences, Positivism
B) Social Statics and Dynamics, Law of three stages

**Unit-III** : Herbert Spencer :
A) Social Evaluation, Organic Analogy, Military and Industrial Society

**Unit-IV** : Emile Durkheim :

A) Social facts : Characteristics & Importance
B) Religion : Scared and Propane Elements in the Context of Religion
C) Suicide : Statics on Suicide, Causes & Types of Suicide in Society

**Unit-V** : Charles Horton Cooley :

A) Cooley's Thoughts on Primary Group : Meaning & Characteristics, Importance of Primary Group.

B) Cooley's Concept of looking Glass self

C) Cooley's Thought on Sociological Method

**Books Recommended :**


1. Parsons Talcott 1937-1949 The Structure of Social Action Vol. I & II McGraw Hill, New York.
2 Nisbet 1966- The Sociological Tradition. Heinemann Educational Books Ltd. London.
3. Zeitlin Irvin 1981 - Ideology and Development sociological theory. Prentice Hall
4. Dahrendorf Ralph 1959 Class and Class conflict in an Industrial society- Stanford University Press.
5. Bendix, Rinchard 1960 - Max weber; An intellectual Portrait (For weber Double Day.
6. Popper Karl 1945- Open society and its Enemies Routledge, London.
7. Aron, Reymond 1965-1967: Main currents in sociological thought, Vol.1 and II, Penguin,
8. Coser, L.A. 1977 : Masters of Sociological Thought, New York: Harcourt Brance.
9. Giddens, Anthony 1997: Capitalism and Modern social Theory- An Analysis of writtings of Marx, Durkheim and Weber Cambridge University, Press whole book.
10. Hughes, John, A. Martin, Peler, J and Sharrock W.W. 1965: Understanding classical Sociology- Marx, Weber and Durkheim, London, Sage Publications, whole book.
11. Durkheim- Simmel Memorial Issue-American Jour of sociology, May 1958.
12. Gerth, M & Mills, C. W. from Max Weber and Essays in Sociology.
13. Rex John: Key problems in sociological theory
14. Abraham Francis – Modern Sociological Thought.
15. Tom Bottomore: Marxist Sociology
16. Lefebre, Henri: The Sociology of Marx.
१७. नि.स.वैद्य : सामाजिक विचारवंत
१८. प्रदिप आगलावे : पाश्चात्य आणि भारतीय समाज शास्त्रज्ञ, श्री साईनाथ प्रकाशन, नागपूर
१९. पी.के. कुलकर्णी : सामाजिक विचारक
20. Encyclopedia of Social Sciences


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**Semester-I**
**Core Paper-II**
**Methodology of Social Research**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I** : Social Research :

A ) Meaning & Objective

B) Scientific method : Meaning of Characteristics

C) Importance & utility of Social Research

**Unit-II** : Major steps in Scientific Research:

A) Formulation of Research Problems : Selection of the Problems

B) Hypothesis : Sources of Hypothesis, Characteristics of usable Hypothesis

C) Research Design : Exploratory Research Design, Descriptive Experimental Research Design.

D) Sampling Design : Types of Sampling

**Unit-III** : Data Collection :

A) Primary and Secondary sources of data

B) Tools of Data Collection

i) Observation : Meaning of types

ii) Questionnaire : Meaning and Nature, features of good Questionnaire

iii) Interview : Main Steps of Interview Techniques, Types Qualities of good interviewer

iv) Schedule : Meaning and Types of Schedule, Process of Preparing Schedule

**Unit-IV** : Scaling Techniques :

A) The Bogardus social distance scale, Sociometric Scale.

B) Validity & reliability in Social Research

**Unit-V** : Problems in the Study of Social Research :

A) Nature of social phenomena

B) Objectivity : meaning & importance, difficulties in objectivity

C) Subjectivity

D) Issues of Measurement in Social Science Research.

**Books Recommended :**

1. Merton, Robert : Social Theory and Social Structure
2. Goode, W and Hatt P. Methods in Social Reserach
3. Jahoda, M. Deuteck and cook : Research Methods in Social Relation.
4. Festinger, L.D. and Katz, D (ed) : Research Methods ionbehavioral Sciences.
5. Modge, J. Hie tools of Social Sciences
6. Young, P.V. : Scientific Social Survey and Research.
7. Lazaras, Field P. (Ed): Language of social Research.
8. Wilkinson, T.S. and .P.L. Bhandarkar: Methodology and Techniques of social Research, Himalaya Publishing House, Bombay.
9. P.Qarrett: Statistics in Education and Psychology.
10. Mueller and Schuessler : Stastical Resioning in Sociology.
11. P. Saravanavel : Research Methodology.
11 Bose, Pradip Kumar : Research Methodology, New Delhi, ICCSR
13. D.A. Devaus, 1 986 : Surveys in Social ResearchJLondon
14. Punch, Keith 1 986 : Introduction to Social Research.
15. Mukharjee P.N. 2000 Methodology in social Research.
१६. पु.ल. भांडारकर : सामाजिक संशोधन पध्दती
१७. वाजपेयी एस. आर. : सामाजिक अनुसंधान और सर्वेक्षण
१८. सतपाल रूहेला : सामाजिक सर्वेक्षण और अनुसंधान के मुलतत्त्वे
१९. खैरनार दिलीप व राऊत प्रा. किशोर : सामाजिक संशोधन पध्दती.
20. Encyclopedia of Social Sciences.

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**Semester-I**
**Paper-III Core Elective Paper**
**A) Perspectives on Indian Society**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit -I : Conceptualizing Indian Society in Terms of Certain Distinctive Characteristics and Configuration :**
a) The scale and magnitude of cultural diversity (Religious beliefs and rituals, institutions, cultural patterns, linguistic, diversity)
b) Linkages and Networks binding regions, groups of communities
c) Continuity between past and present in institutions, cultural and behavioural patterns.

**Unit-II : Indological and Textual Perspective :**
a) G.S. Ghurye : Racial theory of origion of caste and its characteristics.
b) Lewis Dumont : Hierarchy within caste and its criticism
c) R.K. Mukherjee : Sociology of values, A General theory of society

**Unit-III : Structural Functional Perspective :**
a) M.N. Shrinivas : Dominant Castes and Sanskritization
b) S.C. Dube : Values in modernity and change in Indian Society, Indian village

**Unit-IV : Marxist Perspective :**
a) D.P.Mukherjee : Concept of Historical dialecticism, Indian tradition and social change
c) A.R. Desai : Feudalism and Emergence of Indian Nationalism

**Unit-V : Subaltern Perspectives :**
a) Dr. B.R. Ambedkar : Caste and Economic, Political and Socio – Cultural System and its Criticism, Annihilation of Caste
b) David Hardiman : Devi and movement & The movement of Adivasi Assertion.

**Essential Readings :**

1. Desouza, P.R. ed.2000 Contemporary India-Transitions (New Delhi Sage)
2. Dhanagare D.N. 1993: Themes and perspectives in Indian Sociology (Jaipur, Rawat)
3. Dube, S.C. 1973 Social sciences in changing society. (Lucknow University Press)
4. Dube S.C. 1967 The Indian Village (London: Routledge, 1955)

5. Dumont, Louis 1970:Homo Hierachicus: The caste system andits implications. (New Delhi: Vikas)
6. Karve, Iravati : Hindu Society : An Interpretation (Poona: Deccan College)
7. Momin,A.R. 1996. The Legacy of GS. Ghurye: A centennial fest schirift popular, prakashan, Bombay.
8. Mukharjee D.P. 1958 Diversities People's Publishing House Delhi.
9. Oommen, T.K. and P.N.Mukharjee.eds 1986: Indian Sociology Reflections and Introspections, popular Prakashan, Bombay.
10. Singh K.S. 1992: The People of India An Introduction, Seagull books, Calcutta.
11. Singh Y. 1986 Indian Sociology: Social conditioning and emerging concerns, Delhi Vistaar
12. Singh Y. 1973 Modernisation of Indian Tradition, Delhi, Thomos Press.
13. Shriniwas M.N. 1960 : India's Villages, Asia Publishing House, Bombay.
14. Tylor, Stephen: Indian an Anthropological prespective

**Books References:**

1. Hardiman, David, 1996, Feeding die Bania: Peasants and usurers in western India Oxford university press.
2. Hardiman, David 1987:The coming of the Devi-AdivasiAssertion in Western India, Oxford university press.
3. Lanny, Richard *1911*. The speaking Tree. **A study** of Indian culture and society London, Oxford University Press.
4. Marriott, Mckim 1990: India through Hindu categories, Sage, Delhi.
5. Mohan, R.P. and A.S. Wilke, eds. 1994 International Handbook of Contempory Development in Sociology, London, Mansell.
6. Singer, Milton and Bernard conn (eds.) 1968. Structure and change in Indian society, Chicago: Aldine Publishing Company.
7. Singer and Milton 1972 : When A great Tradition Modernizes, Delhi, Vikas.

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**Semester-I**
**Core Elective Paper-III**
**(B) Rural Society in India**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Introduction of Rural Society :**
a) Meaning and Nature of Rural Society
b) Basic Characteristics of Peasant and Agrarian Society
c) Rural Social Life
d) Rur-ubanization

**Unit-II : Rural Social Structure and Social Change :**
a) Jajmani System
b) Rural Social Institution : Family, Caste and Religion
c) Changing modes of Production in Indian Agriculture
d) Co-operative movements in Maharashtra and its role in the Social Development.

**Unit-III : Rural Social Problem and Issue :**
a) Landless Labourer and Bonded Labourer
b) Unorganized Labourer
c) Rural poverty
d) Farmers Suicide
e) Problems of irrigation and low production

**Unit-IV : Rural development and challenges :**
a) Panchayat Raj System : After 73rd Amendment
b) Process of change : Migration and mobility
c) Empowerment of women in rural society SHGs, NGOs and Government Policies

**Unit-V : Rural – Urban Development and Challenges :**
a) Community Development Programme
b) Impact of Globalization on Rural Society
c) Rural Development Strategies : Management of Water & Irrigation in Agriculture

**Essential Readings :**


1. A.R. Desai 1977 : Rural Sociology in India, Popular Prakashan, Bombay
2. P.Radhakrishnan 1989:Peasant struggles: Land reforms and social change in Malabar 1836-1982, Sage Publications: New Delhi.
3. Daniel Thorner and Alic Thorner, 1962: Land and Labour in India, .Asia, Publications, Bombay. 4
4. Andre Beteille 1974: Six Essays in Comparitive sociology, Oxford University Press, New Delhi.
5. D.N.Dhanagare 1988: Peasant Movements in India, Oxford University Press New Delhi.
6. Ashish Nandy 1999 : Ambiguous Journey to the city, New Delhi Oxford University, Press.
7. Berberogue Berch (ed) 1992: Class, state and Development in India New Delhi, Sage.
8 D.N. Majumdar- Caste and Communication in Indian Village, Asia Publication House, Bombay.
9. Nayak, K.B., 2008 – Rural Development and Underdevelopment, Sarup & Sons Publication, New Delhi.
10. A.E.Punit- Social Systems in Rural India, Starling Publishing Pvt. Ltd. New Delhi.
11. K.L.Sharma- The Changing Rural Stratification,Rawat Publications Jaipur & Delhi.

१२. प्रा.पी.एन. खरे : ग्रामीण समाजशास्त्र, गयाप्रसाद ॲण्ड आग्रा.

१३. डॉ.रामनाथ शर्मा : भारतीय ग्रामीण समाजशास्त्र.

१४. डॉ.गुरूनाथ नाडगोंडे : ग्रामीण समाजशास्त्र.


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**Semester-I**
**Core Elective Paper-IV**
**A) Sociology of Religion**

ime : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Introduction and Conceptual Clarification :**
a) Meaning, Nature and Scope of Sociology of Religion
b) Belief System, Magic and Religion, Faith and Culture.

**Unit-II : Sociological interpretations of Religion :**
A) Durkheim and Sociological Functionalism, Weber & Phenomenology
B) Marx & Dialectical Materialism. Levi – Strauss & Structuralism.

**Unit-III : Religion of India :**
A) Hinduism
B) Buddhism
C) Islam
D) Christianity
E) Jainism

**Unit-IV : Contestation over Religion in India :**
A) Fundamentalism
B) Communalism
C) Secularism
D) Proselytism

**Unit-V : Social Change & Religion :**
A) Emerging Cults with Special Emphasis on Saints of Vidarbha :
i) Sant Gadge Maharaj
ii) Rashtra Sant Tukadoji Maharaj

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**Essential Readings :**


1. Robert D Baind (Ed), 1995 (3rd Edition), Religon in Modern India, Delhi: Manohar
2. Kenneth W. Jones, 1989 Socio-religious reform movements in British India (The new Cambridge history of India III-l) Hyderabad Orient Longman.
3. T.N. Madan (ed) 1992, Religion in India, New Delhi: Oxford University Press.
4. Muzumdar H.T. 1986,India's religous heritage, New Delhi: Allied.
5. K. Roberts 1984, Religion in Sociological Perspective. New York, Donsey Press.
6. M. Shaikh (Ed) 1989 Religion State and Politics in India, Delhi: Ajanta Publication.
7. Turner, Bryan S.I 991 (2nd Edition) Religion and social theory.London : Sage. Themes and Issues in Modern Sociology

8. Susan Budd: Sociologist and Religion, Collier Macmillan Publishers London-1973
9. Bettcy R. Scharf- The Sociological study of Religon Hutchinson University Library, London, 1970.
10. Arnold Van Gennep- The Rite of Passage, Routledge and Kegan Paul:London, 1960
11. Roland Robertson- The Sociological Interpretation of Religon, Basil Blackwell: Oxford 1970
12. Mircea Elliade: The Sacred and Profane, First Harper Torch Book Edition, US 1961
13. Keiran Flangan & Petric Jupp (Ed)- Postmodernity, Sociology and Religon, Macmillan Press Limited, London, 1996.
14. Makhan Jha (Ed) The Dimensions of Pilgrimage An Anthropological Appraisal, Inter-India Publications, N. Delhi, 1988.
15. Encyclopedia of Social Sciences.

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**Semester-I**
**Core Elective Paper-IV**
**B) Social Movements in India**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Understanding Social Movements in India :**
a) Meaning, Features and Types of Social Movements.
b) Theories of Social Movements : Relative Deprivation Theory, Structural Strain theory, Resource Mobilization theory and Political Theory.

**Unit-II : Issue and Base of Social Movements:**
a) Unjust Social Structure, Issue of Identity of Culture, Socio-Economic or Political Interests
b) Base of Social Movements : Caste, Class, Gender, Religion of Ethnicity

**Unit-III : Institutionalization of Social Movements :**
a) Role of Ideology: Objective Determination, Guidance and Creation of unrest.
b) Leadership and organization: Types of leadership of organizations, the role of leadership and organization.

**Unit-IV : Some Aspects of Social Movements :**
a) Role of Media, Public Opinion, Democracy and Social Movements
b) Diffusion, Absorption, Fragmentation of Social Movements.

**Unit-V : Theories of Emergency of Social Movements :**
a) Marxist and Post – Marxist theory of Social Movements
b) Weberian and Post Weberian Theory of Social Movements
c) Structural Functional Theory of Social Movements

**Essential Readings:-**

1. Banks, J.A. 1972 : The Sociology of Social movements (London: Macmillan)
2. Desai, A.R. Ed., 1979 : Peasant Struggle in India (Bombay : Oxford, University Press.
3. Dhanagare, D.N.1983; Peasant Movement in India 1920-1950(Delhi: Oxford University Press)
4. Gore, M.S. 1983: The social context of an ideology, Ambedkar's Political and social thoughts (New Delhi: Sage)
5. Oomen T.K. 1990: Protest and change: studies in social movements (Delhi; sage)
6. Rao M.S. A., 1979; Social movements in India (New Delhi, Manohar)
7. Rao M.S.A. 1979: Social Movements and Social Transformation (Delhi: Macmillan)
8. Singh K.S. 1982: Tribal Movements in India (New Delhi; Manohar)
9. Zelliot, Eleanor, 1995: From Untouchable to dalit Essays on the Ambedkar movements (New Delhi; Manohar)

**Books References**

1. Gouldner, A.W. 195Q ed: Studies in Leadership (New York: Harper and Brothers)
2 Oomen, T.K. 1972 : Charism, Stability and change; An Analysis of Bhoodan Grandan Movement; (New Delhi: Thomas Press.)
3. Shah Ghanshyam 1979: Social movements in two Indian states, New Delhi: Ajanta.
4. Shah Ghanshuam, 1990: Social movements in India, a review of the literature (Delhi: Sage)
5. Shah Nandita, 1992: The issues at stake: Theory and Practice in the Contemporary Movements in India ( New Delhi: Kati for Women)
6. ShivaVandana, 1991: Ecology and Politics of survival(New Delhi:Sage).
7. Encyclopedia of Social Sciences.

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**Semester-II**
**Core Paper**
**Paper-I Classical Sociological Thinkers**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Hegel :**
a) Hegel's Views on Classical Philosophy.
**b)** Dialectical Idealism.

**Unit-II : Karl Marx :**
a) Historical Materialism and Dialectical Materialism.
b) Class Formation and Class – Struggle
c) Alienation, Surplus Values and Exploitation, Theory of Social Change

**Unit-III : Max Weber :**
a) Social Action : Theory and Type of Social Action
b) Weber's views on Authority and Power, Type of Authority
c) Theory of Bureaucracy, Capitalism and Growing Rationalism and Emergence of Modern Bureaucracy
d) Protestant Ethic and the Emergence of Modern Capitalism

**Unit-IV : Vilfredo Pareto :**
a) Logical and Non Logical Action
b) Residues and Derivation
c) Theory of Circulation of Elites

**Unit-V : George Simmel :**
a) Concept of Individual and Society
b) Social Interaction : Forms and types
c) Subjective and Objective Culture

**Books Recommended :**

1. Parsons Talcott 1937-1949 The Structure of Social Action Vol. I & II McGraw Hill, New York.
2 Nisbet 1966- The Sociological Tradition. Heinemann Educational Books Ltd. London.
3. Zeitlin Irvin 1981 - Ideology and Development sociological theory. Prentice Hall
4. Dahrendorf, Ralph 1959 Class and Class conflict in an Industrial society- Stanford University Press.
5. Bendix, Rinchard 1960 - Max Weber; An Intellectual Portrait (For weber Double Day.
6. Popper Karl 1945- Open Society and its Enemies Routledge, London.
7. Aron, Reymond 1965-1967: Main Currents in Sociological Thought, Vol.1 and II, Penguin, Chapters on marx, Durkheim and Weber.
8. Coser, L.A. 1977 : Masters of Sociological Thought, New York: HarcourtBrance.
9. Giddens, Anthony 1997: Capitalism and Modern Social Theory- An Analysis of writings of Marx, Durkheim and weber Cambridge University, Press whole book.
10. Hughes, John, A. Martin, Peler, J and Sharrock W.W. 1965: Understanding classical Sociology- Marx, Weber and Durkheim, London, Sage Publications.
11. Durkheim- Simmel Memorial Issue-American Jour of sociology, May 1958.
12. Gerth, M & Mills, C. W. from Max Weber and Essays in Sociology.
13. Rex John: Key problems in sociological theory
14. Closer C.A.: Masters of Sociological Thought.
15. Tom Bottomore: Marxist Sociology
16. Lefebre Henri: The Sociology of Marx.
१७. नि.स.वैद्य : सामाजिक विचारवंत
१८. डॉ.प्रदिप आगलावे : पाश्चात्य आणि भारतीय समाज शास्त्रज्ञ, श्री साईनाथ प्रकाशन, नागपूर
१९. प्रा.पी.के. कुलकर्णी : सामाजिक विचारक
20. Encyclopedia of Social Sciences.

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**Semester-II**
**Core Paper**
**Paper-II Methodology of Social Research**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Methodology of Social Research :**
A) Social Survey : Meaning & type, functions of Social Survey
B) Case study method : meaning & characteristics merits and demerits
C) Content Analysis : meaning, objectivity & Importance of Content Analysis

**Unit-II : Data Processing & Interpretation :**
A) Classification :meaning and types
B) Codification : meaning & characteristics of Codification
C) Tabulation : meaning & characteristics of Tabulation
D) Analysis and interpretation : demerits of interpretation

**Unit-III : Statistics in Social Research :**
A) Measures in central tendency, mean, medium & mode
B) Measures in dispersion : standard / quartile deviation
C) Application of computer in Social Research

**Unit-IV : Sociometry Scaling :**
A) Meaning of Sociometry, General Principles & Techniques in the Construction of Sociometry Scales.
B) Problems of Scaling Techniques

**Unit-V : Report Writing :**
A) Content of Report
B) Problems in Report Writing
C) Importance of Report Writing
D) Theory and Research.

**Books Recommended :**

1. Merton, Robert : Social Theory and Social Structure
2. Goode, W and Hatt P. Methods in Social Reserach
3. Jahoda, M. Deuteck and cook : Research Methods in Social Relation.
4. Festinger, L.D. and Katz, D (ed) : Research Methods ionbehavioral Sciences.
5. Modge, J. Hie tools *of* Social Sciences
6. Young, P : Scientific Social Survey and Research.
7. Lazaras, Field P. (Ed): Language of Social Research.
8. Wilkinson, T.S. and P.L. Bhandarkar: Methodology and Techniques of Social Research, Himalaya Publishing, House, Bombay.
9. P.Qarrett: Statistics in Education and Psychology.
10. Mueller and Schuessler : Statistical Reasoning in Sociology.
11. P. Saravanavel : Research Methodology.
11 Bose, Pradip Kumar : Research Methodology, New Delhi, ICCSR
13. D.A. Devaus, 1986 : Surveys in Social Research, London
14. Punch, Keith 1 986 : Introduction to Social Research.
15. Mukharjee P.N. 2000 Methodology in Social Research.
१६. डॉ. पु.ल. भांडारकर : सामाजिक संशोधन पध्दती
१७. वाजपेयी एस. आर. : सामाजिक अनुसंधान और सर्वेक्षण
१८. सतपाल रूहेला : सामाजिक सर्वेक्षण और अनुसंधान के मुलतत्त्वे
१९. खैरनार दिलीप व राऊत प्रा. किशोर : सामाजिक संशोधन पध्दती.
20. Encyclopedia of Social Sciences.

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**Semester-II**
**Core Elective Paper**
**Paper-III (A) - Health and Society**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Introduction :**
A) Definition of Health;
B) Aims of Health;
C) Scope of Health;
D) Determinants of Health;
E) Relationship between Health and Social Institution.

**Unit-II : History of Medical System:**
A) Historical Account of Indian Medical Development;
B) Various Types of Treatment
a) Ayurvedic;
b) Homeopathy;
c) Unani;
d) Allopathy;

**Unit-III : Community Health :**
A) Meaning of Community Health;
B) Objectives of community Health;
C) Basic Elements of Community Health Programme;
D) Health and Hygiene;
E) Diet and Nutrition.

**Unit-IV : Hospital: A social Organization:**
A) Meaning of Hospital
B) Types of Hospital
C) Role of Doctor, with Patient
D) Role of Nurse with Patient
E) Role of Patient with Doctor, Nurse & Worker.

**Unit-V : Health Education:**
A) Meaning of Health Education
B) Health Care of the Community
C) Content of the Health Education
D) Population Education.

**References :**

1. R. Baggett: Health and Care in Britain
2. Angela Seriven and Sebastian German: Promoting Health Global Perspectives
3. T. M. Dak: Sociology Health in India
4. Williamc Cockerham: Medical Sociology
5. Mervya Susser, William Watson, Kim Hopper Sociology in Medicine
6 D. R. Sachdeva: Social Welfare Adenine Striation in India
7. David Jary and Julia Jarry: Dictionary of Sociology
८. कुमूद कोल्हटकर, राजन कुलकर्णी, समाज वैद्यक,
९. वि. वास. मंडळीक, योग परिचय
१०. वि. वास. मंडळीक, योग
११. सुधा काळदाते, भांगर गायकवाड, वैद्यकीय समाजशास्त्र, लक्ष्मी प्रकाशन, औरंगाबाद
१२. ब.ल.वश्ट, आयुर्वेद आणि आधुनिक वैद्यक
१३. कृष्णकांत पुजारी, वैद्यकीय समाजशास्त्र
१४. त्रिवेणी फरकंडे, सौ.सुलभा गोंगे, विवाह व कौटुंबिक संबंध
१५. पी.के. कुलकर्णी, आरोग्य आणि समाज, डायमंड पब्लीकेशन, पुणे, ३०
१६. दा.घो. काचोळे, वैद्यकीय समाजशास्त्र, कैलास पब्लिकेशन्स, औरंगाबाद
१७. अ.के. भगावान, सर्वांसाठी आरोग्य, पर्यायी वाटचाल, इंडियन इन्स्टिट्युड ऑफ एज्युकेशन, पुणे
१८. सुरेश वाघमारे, वैद्यकीय समाजशास्त्र, लातूर
१९. विजया वाड, संपादक वि.व को. निर्मिती मंडळ, मुंबई
२०. जे.ई. पार्क, सामाजिक आरोग्य परिचय, प्रकाशन जबलपूर
२१. जीवनाचा मंत्र २००२, युनिसेफ डब्ल्यूएचओ. युनोस्को, वर्ल्ड बँक

२२. भागवत रोग प्रतिबंधक सामाजिक औषधी वैद्यकीय शास्त्र, प्रकाशक गों.य.राणे, पुणे
२३. प्रकाशक कपोषण टाळा व आरोग्य मिळवा
२४. प्रकाशक महिला बालकल्याण विभाग : मार्गदर्शीका माता व बालसंरक्षण कार्ड
२५. कुपोषण निर्मूलन अभियान : एकात्मिक बालविकाससेवा योजना.

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**Semester-II**
**Core Elective Paper**
**Paper-III (B) Urban Society in India**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Basic Concept of Urban Sociology :**
a) Meaning and Nature of Urban Sociology
b) Urban Ecology
c) Urban Community
d) Urbanization : Meaning and Factors

**Unit-II : Theories of Urban Development :**
a) Concentric Zone Theory : Ernest Burgess
b) Urbanism : Lowise Worth
c) Metropolis : George Simmel

**Unit-III : Urban Community and Spatial Dimensions :**
a) Park Burgers and Mckenzie
b) Redfield and Urbanism Rural Urban continuum as a cultural form.

**Unit-IV : Contemporary Urban Issues :**
a) Population, Growth and Migration
b)Slums and Housing Problems
c) Health Problems
d) Urban Crime and white Collar Crime
e) Violence against women
f) Meaning & Problems of Child Labour

**Unit-V : Urban Development and Challenges :**
a) Urban Planning : Garden City, Metropolitan Planning
b) Social Planning
c) Urban Economy
d) Urban Management
e) Concept of Green City

**Books Recommended :**

1. William. G. Flanagan - Urban sociology images and Structure. Allyn and Bacon Baston,
2. J.R. Mellor - Urban Sociology in an unurbanised society. Routledge & Kegan Paul -London.
3. N.JayaBalan - Urban Sociology, Atlantic Publishers and distributors - Delhi
4. Odeyas. D. Heggade - Urban Development in India, Mohit publishers and distributors -Delhi
5. Ram Ahuja - Social problems in India, Rawat Publications, New Delhi
6. Rajendra K. Sharma - Urban Sociology, Atlantic Publishers and Distributors, New Delhi

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**Semester-II**
**Core Elective Paper**
**Pape-IV (A) Cultural Anthropology and Tribal Studies**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. - 20

**Unit-I : Cultural Anthropology :**
a) Cultural Anthropology : Meaning, Nature, Scope and its Development
b) Relation between Cultural Anthropology and Social Anthropology and Physical Anthropology.
c) Importance of the Study of Cultural Anthropology

**Unit-II** : **Concept of culture and Race :**

a) Meaning, Characteristics and Aspects of Culture Relation between Culture and Individual and Tribal Society.
B) Race Meaning of Type or Race Racial Elements in Tribe

**Unit-III** : **Social Organization in Tribal Communities** :

a) Family
b) Marriage
c) Economic organization
d) Political organization
e) Religion and magic.

**Unit-IV** : **Problems of Tribal People in India:**

a) Causes of Tribal Problems.
b) Major Problems : Economic, Social, Cultural, Religious, Educational and Health.
c) Efforts of Government and Voluntary Organization to Solve the Tribal Problems

**Unit-V** : **Social Dynamics in Tribal Society :**

a) The Changing Tribal Scene in India : Role of Social and Economic Organization among Tribes
b) Tribal Movements in India.
c) A review of selected studies of Tribal Communities : Gond, Korku, Kolam, Tada, Khasi.

**Books Recommended**

1. Horkovits, N.J. : Man and His Works
2. Culture Krober A : Cultural Anthropology
3. Beals & Joijor : Social Anthropology
4. Ghurye, G.S. : Caste and Race In India.
5. Ghurye, G.S. : Scheduled Tribes, 1969
6. Bailey. F.G. : "Tribes" and "Caste" in India, in Contributions to Indian Sociology, 1961.
7. K.Suresh Singh : Tribal Situation in India, Indian Institute of Advanced Study, 1969.
8. Patnaik, N. : Tribes and their Development. National Institute of Community. Development, Hyderabad, 1972.
9. Majumdar, D.N. and Madan T.N. : Introduction to Social Anthropology in India.
10. Sachidananda : Industrialization and Social Disorganization : A Study of Tribals in Bihar.
11. Nayak K.B., 2014, The Melghat Syndromme, Vol.-I & II, Vista International Publishing House, New Delhi.

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**Semester-II**
**Core Elective Paper**
**Paper-IV (B) Social Movements in India**

Time : 3 Hrs.) (Marks : Theory – 80
In.Ass. – 20

**Unit-I** : **Understanding Social Movements in India :**

A) History of Origin of Social Movements in India
B) Causes and Consequences of Social Movements
C) Caste, class and Social Movements in India.

**Unit-II** : **Traditional Social Movements :**

A) Peasant and Tribal Social Movements
B) Women's Movement and Nationalist Movement
C) Trade Union Movements

**Unit-III** : **New Social Movements :**

A) Dalit and Ethnic Movements
B) Students Movements
C) Ecological and Environmental Movements

**Unit-IV : Consequences of Social Movements :**
A) Social Movements, State of Civil Society in India
B) Social Movements, Social Change and Development.

**Unit-V : Social Movements and Social Change :**
A) Revolution, Schisms, Splits.
B) Counter Movements, Transformation and Decline

**Essential Readings :**

1. Banks, J.A. 1972 : The Sociology of Social movements (London: Macmillan)
2. Desai, A.R. Ed., 1979 : Peasant Struggle in India (Bombay : Oxford, University Press.
3. Dhanagare, D.N.I 983; Peasant Movement in India 1920-1950(Delhi: Oxford University Press)
4. Gore, M.S. 1983: The social context of an ideology, Ambedkar's Political and social thoughts (New Delhi: Sage)
5. Oomen T.K. 1990: Protest and change: studies in social movements (Delhi; sage)
6. Rao M.S. A., 1979; Social movements in India (New Delhi, Manohar)
7. Rao M.S.A. 1979: Social Movements and Social Transformation (Delhi: Macmillan)
8. Singh,K.S. 1982: Tribal Movements in India (New Delhi; Manohar)
9. Sellipt, Eleanor, 1995: From Untouchable to Dalit Essays on the Ambedkar Movements (New Delhi; Manohar)

**Books References**

1. Gouldner, A.W. 195Q ed: Studies in Leadership (New York: Harper and Brothers)
2 Oomen, T.K. 1972 : Charism, Stability and change; An Analysis of Bhoodan Grandan Movement; (New Delhi: Thomas Press.)
3. Shah Ghanshyam 1979: Social movements in two Indian states, New Delhi: Ajanta.
4. Shah Ghanshuam, 1990: Social movements in India, a review of the literature (Delhi: Sage)
5. Shah Nandita, 1992: The issues at stake: Theory and Practice in the Contemporary Movements in India ( New Delhi: Kati for Women)
6. ShivaVandana, 1991: Ecology and Politics of survival(New Delhi:Sage).
7. Encyclopedia of Social Sciences.

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**Appendix-I**

M.A. (Yogashastra)

**(Two Years Degre Course ….. Semester Pattern) (Credit and Grade System)**

A. Theory - (60 Credits)
B. Practicum - (20 Credits)
Total Credits 80 Credits (20 Credits each Semester)

**A. Pattern of Examination :**

**Semester** : Three Papers for each Semester and One Practicum as a Fourth Paper. Maximum Marks to each Paper will be 100 Marks (80 + 20)

**Duration of Examination** : Three Hours.

**Instructions :** 1) Solve all Questions
2) Question No. 1 must be M.C.Q (Multiple Choice Question) having 16 Marks.
3) Question No. 2 to 5 Carry Equal Marks.

**Note :** 1) Number of Questions to be set in each Paper will be Five.
2) Question No. 1 will be M.C. Q. from all the Four Units (Two M.C.Q.) from each Unit)
3) For Every Question, Long Answer Type OR Short Answer Type, there will be a Alternative Choice.
4) On Every Unit, there will be Two Question with Alternative Choice.

**Internal Marks on each Paper :**
1) Internal Assessment : Unit / Term Test - 10 Marks
2) Assignments - 10 Marks

**B. Practicum :**
1) Maximum Marks (As per syllabus) - 80 Marks
One Internal & External Examiner shall conduct Examination.
2) Internal Marks
Practical Note Book - 20 Marks

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Syllabus

Prescribed for the Examination of M. A. Part-I (Yogashastra)

**Semester-I**

**Paper-I**

**FUNDAMENTALS OF YOGA**

Total Marks : 100
Theory : 80
Int. Ass. : 20

**Unit-I**

1. Yoga –Meaning, Concept, Definitions, Aims and Objectives of Yoga.
2. Historical Background of Yoga
3. Introduction of Hatha Yogic Text & (Hatha Pradipika & Gherand Samhita.)

**Unit-II**

1. Introduction to Patanjal Yoga Sutra, Four Padas-Samadhi, Sadhana, Vibhuti and Kaivalya.
2. Concept of Chitta- Vritti, Chitta -Vikshepa
3. Concept of Chitta-Prasadana, Kriya yoga and Ishwara.

**Unit-III**

1. Concepts of Ashtang Yoga, according to Patanjal.
2. Concept of Bandha-Mudra and Kundalini.
3. Concept of Shatkarma, according to Hathpradpika

**Unit-IV**

1. Sankhya Philosophy, Twenty-five entities according to Sankhya, Means of Knowledge, Satkaryavada
2. Relation of Yoga with Sankhya:, Similarities and Dissimilarities
3. Relation of Yoga with Vyakta And Avyakta, Triguna.

**Reference Books: -**


1. Patanjala Yoga Sutra - Dr. P. V. Karambelkar, Kaivalyadhama , Lonavala ,
2. Yoga Darshan - Dr. S. V. Karandikar, Subhar Pal
3. Yoga Dipika - B. K. S. Ayangar Orient Langman, N. D.
4. Hathapradipika - Dr. M. L. Gharote, Yoga Institute, Lonavala .
5. Gherand Samhita - Swami Digambarji & Dr. M.L..Gharote Lonavala.
6. Asana - Swami Kuvalayanand Kaivalyadhama , Lonavala .
7. Pranayama - Swami Kuvalayanand - Kaivalyadhama, Lonavala .
8. Shiva Sutra - Jayadeo singh , Motilal Banarasidas , Delhi
9. Vyayam Vidhyana - Dhirendra Brahmachari,Vishvayatan , Delhi .
10. Kalyan (Yogank) - Geeta Press,Gorakhpur.
11. Essays on Yoga - Swami Shivananda
12. Bases of Yoga - Arbindo.
13. Patanjali Yoga Sutra - Dr. N. V. Karbelkar., H.V.P.M. Amravati. (Marathi Edn.)
14. Shiksha Manovidyan - P.D. Pathak
15. Sankhya Karika - Vignyan Bhikshu


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**Semester-I**

**Paper-II**

**ANATOMY AND PHYSIOLOGY**

Total Marks : 100
Theory : 80
Int. Ass. : 20

**Unit-I**

1. Detail Structure and Functions of Cell Contain.
2. Types of Tissue and functions. Classification of bones and functions.
3. Muscular System: Type of Muscle, their structure and functions, Neuro Muscular trans mission of impulse, muscle tone, stretch reflex.
4. Isometric and isotonic muscles, fatigue, Oxygen debt.

**Unit-II**

1. Respiratory system: Mechanism of Respiration.
2. Transport of Oxygen and Carbon dioxide. Factors affecting it.
3. Respiratory volumes: Tidal Volume, Vital Capacity, Minute Volume, respiratory reserve, dead air.
4. Circulatory system; structure and function of heart, cardiac cycle, Heart sound.

**Unit-III**

1. Blood Composition, Plasma proteins and their function. Blood cell and their structure and function.
2. Mechanism of Blood coagulation. Blending time, coagulation.
3. Digestive system: function of organs, salivary glands and functions Peristaltic movement, Defecation.
4. Uro-genital system organs and their functions.

**Unit–IV**

1. Various endocrinal glands and their functions.
2. Special senses: Structure and functions of eye, errors of refraction, Ear, Tongue, Nose, Speech (Vocal cord)
3. Central nervous system Parts and their functions, Autonomic nervous system.
4. Spinal cord structure and function, cranial nerves, Reflex action.

## Reference Books :


1. Yogic Therapy-Its Basic Principles & Methods" Central Health Education & Bureau, Govt. Of India, New Delhi 1963. - Kuvalayananda Swami & S.L. Vinekar
2. "Asanas" - Kuvalayananda Swami Kaivalyadhama, Lonavala.
3. "Pranayama " - Kuvalayananda Swami KaivalyadhamaLonavala
4. "Yoga & Your Heart" - K.K.Datey, M.L. Gharote, Megha Prakashan, Lonavala
5. "Anatomy & Physiology For Nurses Including Notes On Their Clinical Application" (1974 Ed) - Evely Pearce, Oxford University Press, Kolkata
6. Physiology of Yoga - Dr. P. N. Ronghe
7. "Yogamimansa Journals" - Kaivalyadhama, Lonavala
8. Swadhay and Yoga Therapy - Dr. Waze, Pune
9. Anatomy & Physiology Of Yogic Practices - M.M.Gore "Kanchan Prakashan Lonavala, 1990".


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**Semester-I**
**Paper-III**
**RESEARCH METHODOLOGY**

Total Marks : 100
Theory : 80
Int. Ass. : 20

**Unit-I Introduction :**

1. Meaning, Concept and Definition of Research
2. Need, Importance and Characteristics of Research in Yoga
3. Type of Research – Analytical, Descriptive, Experimental and Evaluative.
4. Qualities of a Good Researcher.

**Unit-II Developing the Research Problem** :

1. Definition and Meaning of Research Problem.
2. Location of Research Problem.
3. Criteria for Selecting a Research Problem.
4. Meaning, Definition and Types of Research Hypothesis Formulation of Research Hypothesis.

**Unit-III Survey of Related Literature :**

1. Need and Purpose for Surveying Related Literature
2. Kinds of Related Literature
3. Sources of Literature
4. Steps in Literature Search.
5. Use of Library Sources.

**Unit-IV Methods of Research :**

1. Need and Importance of Formulating Method
2. Sampling and Population – Meaning, Importance.
3. Types of Sampling – Probability and Non-Probability Methods
4. Design and analysis of Study, Meaning, Definition and Types

**Reference Books :**


1. Statistics for Psychology - J. P. Varma Tata McGraw Hill Education Private Limited New Delhi
2. Research Methods Applied - Scott, G.M. (Ed): Health, Physical Education and Recreation 2nd, Washington, D.C., AAHPERD, 1959
3. Manual for Writing of Research-Papers, Thesis and Dissertation - Turabian, Kate. L.A., Chicago University of Chicago Press, 1967
4. Research in Education - Best, John, W. Cliffs. N. J., Prenctice Hall Inc. 1964.
5. Methods of Research: - Good Cater, V. & Douglas, E.S. Carts Educational Psychological New York, Appleton Cent, Crofts, 1954 and Sociological
6. Introduction to Research - Hilway, Tyrus Boston, Houghton Mifflin Co. 1956
7. Education Research : Principles and Practices - Smith, H.L.Bloomington, Indian Educational Pub.
8. The Elements of Research - Whiteney, F.L.: New York Prenctice Hall Inc. 1961.
9. Research in Physical Education - Clarke. H. :
10. संशोधन पद्धती - डॉ.गंगाधर व्ही. कायंदे-पाटील, चैतन्य पब्लीकेशन, नासिक-13.
11. सामाजिक संशोधन पद्धती - डॉ.सुधीर बोधनकर, श्री साईनाथ प्रकाशन, नागपूर.
12. संशोधन पद्धतीशास्त्र व तंत्र - डॉ. प्रदीप आगलावे, विद्या प्रकाशन, नागपूर.
14. शिक्षणातील संशोधन अभिकल्प - प्रा. बी.बी. पंडित, नुतन प्रकाशन.


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## M. A. Part-I

### Semester-I
### Paper-IV
### Practicum

Total Marks : 100
Theory : 80
Int. Ass. : 20

| | | |
|---|---|---|
| i | Asana. | 20 Marks |
| ii | Shatkarma. | 20 Marks |
| iii | Pranayama and Bandha-Mudra. | 20 Marks |
| iv | Yogic Sukshma Vyayam, Sthula Vyayam and Suryanamaskar | 20 Marks |

**i Asana :**

**Standing Asanas :** Tadasana, Garudasana, Ardhakatichakrasana.

**Sitting Asanas :** Padmasana, Siddhasana, Vajrasana, Yogmudra, Pachimotanasana, Gomukhasana, Janushirasana.

**Prone Position :** ArdhaShalbhasana (Akpad), Makarasana, Bhujangasana.

**Supine Position :** Shavasana, Ardhahalasana, Pawanmuktasana, Setubandhasana.

**Balancing Asanas :** Parvatasana, Bakasana, Vrikshasana.

**Distribution of Marks**

1) Two Asanas as told by Examiners 6 Marks each. … 12 Marks
2) Two Asanas of Candidate's Choice 4 Marks each. … 08 Marks

**ii Shatkarma :**

1. Neti: : Jala and Sutra.
2. Dhauti : Danta, Jivhashodhan, Karnarandhra, and Kapalrandhra.
3. Agnisara : Standing and Siting

**Distribution of Marks**

**Shatkarmas Divided in Two Groups** :

1) Without Instrument :
   1. One Kriya as told by Examiner … 4 Marks
   2. One Kriya of candidate's Choice … 4 Marks

2) With Instrument :
   1. One Instrumental Kriya as told by examiner 6 Marks
   2. One Instrumental Kriya of candidate's choice 6 Marks

iii Pranayam and Bandha-Mudra :

**Pranayama** (Without Kumbhak) **:** Nadishodhan, Suryabhedhan, Ujjai, Shitali.
**Bandha :** Jalandhar, Jivha.
**Mudra :** Nabhomudra, Vipritkarni, Tadagi.

**Distribution of Marks**

1. Any One Pranayama as told by the Examiner. … 6 Marks
2. Any one Pranayama of candidate's Choice. … 6 Marks
3. Any one Mudra as told by the Examiner … 4 Marks
4. Any one Bandha of candidate's Choice. … 4 Marks

**iv Yogic SukshmaVyayama, Yogic SthulaVyayama and Suryanamaskar**

**Yogic Sukshma Vyayam :**

1) Vishudh Chakra OR Uccharan-Sthala Shudhi.
2) Prarthana
3) Buddhi Tatha Dhriti Shakti-Vikasaka
4) Smaran Shakti Vikasaka
5) Medha Shakti-Vikasaka
6) Kapal – Shakti Vikasaka
7) Netra Shakti Vikasaka
8) Karna Shakti Vikasaka
9) Griva Shakti Vikasaka (1)
10) Griva Shakti Vikasaka (2)
11) Griva Shakti Vikasaka (3)
12) Skandh&Bahumula Shakti Vikasaka
13) Bhujabandha Shakti Vikasaka
14) Kohni Shakti Vikasaka
15) Bhuja-valli Shakti Vikasaka
16) Purnabhuja Shakti Vikasaka
17) Manibandh Shakti Vikasaka
18) Karaprustha Shakti Vikasaka
19) Kara-tala Shakti Vikasaka
20) Anguli Shakti Vikasaka (1)
21) Ansuli Shakti Vikasaka (2)
22) Vaksha Shakti Vikasaka(1)
23) Vakshasthala Shakti Vikasaka (2)
24) Udara Shakti Vikasaka (1)

**Yogic SthulaVyayama :**

1) Rekha-gati 2) Hrid-gati 3) Utkurdana

Suryanamaskar :

1) Twelve Mantras
2) Ten counts or Twelve Counts

**Distribution of Marks** **20 Marks**

1. Any one Yogic SukshmaVyayama as Told by the Examiner .. 6 Marks
2. Any one Yogic SukshmaVyayama of Candidate's Choice. ..6 Marks
3. Any one Yogic SthulaVyayama as Told by the Examiner ..4 Marks
4. Any one Yogic SthulaVyayama OR Suryanamaskar of Candidate's Choice. .. 4 Marks

**Note :** Where Practical Demonstration is not possible during examination verbal explanation of the technique is expected.

**Internal Assessment :** **20 Marks**

Practical Note Book … 20 Marks

**Reference Books :**

1. Hathapredipika - Dr. M.L. Gharote, HYoga Institute, Lonavala.
2. Gheranda Samhita - Swami Digambarji & Dr. M.>. Gharote, Lonavala.
3. Yoga Arogyam Sukha Sampada - Dr. A.N. Khodaskar, Bruhan Maharashtra Yoga Parishad, Amravati.
4. Asana Pranayam Bandha Mudra - Swami Satyanand Saraswati, Bihar School of Yoga, Mungher.
5. Asana - Swami Kuvalyanand, Dr. Vinekar, Kaivalyadham, Lonavala.
6. Vyayam Vidnyan - Dhirendra Bramhachari Vishwayatam, Delhi.

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## Semester-II
### Paper-I
### Yoga Methodology

Total Marks : 100
Theory Marks : 80
Inter. Ass. : 20

**Unit-I**

1. Lesson Planning ; Meaning definitions and Importance.
2. Factors affecting the teaching and planning
3. Different formats of lesson plans Planning and observation and field activity Lesson and Classroom Teaching Lesson

**Unit- II**

1. Methods of Yoga Teaching
2. Tradition and Modern Methods
3. Lecture, Demonstration, Orientation, Home Work, Assignment, Project, Supervised Study.

**Unit-III**

1. Teaching Aids; Meaning Need Definition and Classification of Teaching Aid necessary Precaution for the use of Teaching Aids.
2. Evaluation procedure old concept, new approach, Tools of Evaluation.
3. Team Teaching, Micro Teaching
4. Yoga and Sports.

**Unit-IV Types of Lessons** :

1. Knowledge Lessons
2. Skill Lesson
3. Appreciation Lesson, Planning and Observation of Different Yogic Lesson
4. Asanas, Shatkarma, Pranayama, Bandas, Mundra Lesson ect.

**Reference Books:**

1. Teaching Methods for Yogic practices: – M. L. Gharote, S. K. Ganguli.
2. Principles of Education: – Dr. R. S. Pandey.
3. Principles of Methods of Teaching: – Bhatia.
4. Introduction to Teaching: – Bernard H. C.
5. शिक्षा के सामान्य सिध्दांत तथा विधिय़ा - प्रा.के.के.भाटीया, प्रा.सी.एल.नारंग
6. शिक्षा के सामान्य सिध्दांत - प्रा.पाठक और प्रा. त्यागी.
7. शिक्षण, कला, प्रशिक्षण तकनिकी व्यायाम की नई पध्दतीया - डॉ.एस.एस.माथुर

8. सफलपथ योजना - डॉ.आर.एच.तिवारी
9. अध्ययन शास्त्र और पध्दतीया - श्री कुंडले
10. शारिरीक शिक्षा अध्ययन पध्दती - प्रा.करमरकर, डॉ.तिवारी व प्रा.शर्मा
11. आजची अध्ययन पध्दती - प्रा.लिला पाटील
12. Information Brochures and Booklets of Different Yoga Institutions.
13. Syllabuses of Different Yoga Courses of Various Institutes.
14. Yoga Periodicals and Journals.
15. Text books and Reference Books of Yoga

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## Semester-II
### Paper-II
### Physiology of Yogic Practices

Total Marks : 100
Theory Marks : 80
Inter. Ass. : 20

**Unit–I**

1. Psycho-Physiological Importance of Yoga.
2. Yogic Management of Stress and Behavior.
3. Mental Health and Yam-Niyama.
4. Postural Therapy. Benefits of Different Postures in Balancing, Standing, Sitting inverted and corrective Asanas.

**Unit–II**

1. Neural Mechanism for the Regulation of Respiration (Pran Energy) during Yogic Pranayam Practice.
2. Physiological difference in Normal Exercise Breathing and Pranayama.
3. Therapeutic Importance of Hatha Yogic Pranayam.
4. Scientific Importance of Mudras.

**Unit–III**

1. Physiological Effects of Asana
2. Effect of Shuddhikriya (Cleaning Techniques)
3. Importance of Pratyahar and Dharna.
4. Nadanusandhan and Pranava Japa and effects on Autonomous Nervous System.

**Unit–IV**

1. Biochemical, Physiological and EEG changes in Dhyan (Meditation)
2. Scientific Study of Modern Relaxation Techniques, Progressive Relaxation.
3. Comparison between Sleep and Yoga Nidra
4. Kundalini Yoga Chakaras and Centers of Energy Distribution (Shakti Kendra)

**Reference Books:**

1. Yogic Therapy-Its Basic Principles & Methods" Central Health Education & Bureau, Govt. of India, New Delhi-1963 - Kuvalayananda Swami & S.L. Vinekar
2. "Asanas" - Kuvalayananda Swami, Kaivalyadhama, Lonavala.
3. "Pranayama " - Kuvalayananda Swami, Kaivalyadhama, Lonavala.
4. "Yoga & Your Heart" - K.K.Datey, M.L. Gharote, Megha Prakashan, Lonavala
5. "Anatomy & Physiology For Nurses Including Notes On Their Clinical Application" (1974 Ed) - Evely Pearce, Oxford University Press, Kolkata
6. Physiology of Yoga - Dr. P. N. Ronghe
7. "Yogamimansa Journals" - Kaivalyadhama, Lonavala
8. Swadhay and Yoga Therapy - Dr. Waze, Pune
9. Anatomy & Physiology of Yogic Practices - M.M.Gore, “Kanchan Prakashan, Lonavala, 1990”.

## Semester-II
### Paper-III
### Research Process in Yoga

Total Marks : 100
Theory Marks : 80
Inter. Ass. : 20

**Unit–I** **Experimental Research** :

1. Meaning Experimental Research
2. Type of Experimental Design.
3. Sources of invalidity in Experimental Research.
4. Controlling Threats to Internal and External Validity

**Unit–II** **Organization of Thesis/Dissertation/Research Reports**

1. Research proposal- Meaning, Need and Preparation of research proposals.
2. Research Repots – Purpose, Characteristics of good report, Parts of Research, Report and Procedure of Preparation of Reports.
3. Abstracts- Thesis or Dissertation abstracts, Abstracts for Published papers, conference abstracts.
4. Writing a Scientific Paper
5. Poster presentation
6. Mechanics of typing and printing research reports.
7. Use of figures and Illustrations.
8. Reference Materials – Bibliography and Foot note Forms.
9. Ethics and Research
10. Unethical Ways of Reporting Research

**Unit-III** **An Introduction of Statistics**

1. Statistics – Meaning, Definition, Nature and Importance.
2. Data- Meaning and Types
3. Class Interval – Raw Score, continuous and Discrete series, construction of Frequency table.
4. Graphical Representation of data

**Measures of central Tendencies-**

1) Mean – Definition, importance, Advantages and Disadvantages calculation from Groups and Ungrouped data.
2) Median- Definition, importance, Advantages and Disadvantages.
3) Mode – Definition, Importance, Advantages and Disadvantages, Calculation from Grouped and Ungrouped data.

**Unit-IV** **Measures of Variability**

1. Range – Meaning, Importance and Calculation.
2. Mean Deviation- Meaning Importance and Calculation from Grouped and ungrouped data.
3. Standard Deviation- Meaning Importance and Calculation from Groups and Ungrouped data.
4. Quartile Deviation – Meaning Importance and Calculation from Groups and Ungrouped data.
5. Percentiles _ Meaning, importance and Calculation
6. Mean Difference Method- Independent and Dependent
7. Correlation – Meaning and calculation Pearson and Spearman Methods

**Reference Books :**


1. Statistics for Psychology – J. P. Varma Tata McGraw Hill Education Private Limited New Delhi
2. Research Methods applied - Scott, G.M. (Ed): Health, Physical Education and Recreation 2nd, Washington, D.C., AAHPERD, 1959
3. Manual for Writing of Research-Papers, Thesis and Dissertation Turabian, Kate. L.A. Chicago University of Chicago Press, 1967.
4. Research in Education - Best, John, W. Cliffs. N. J., Prenctice Hall Inc. 1964.

| | | |
|---|---|---|
| 5. Methods of Research: | - | Good Cater, V. & Douglas, E.S. Carts Educational Psychological New York, Appleton Cent, Crofts, 1954 and Sociological |
| 6. Introduction to Research | - | Hilway, Tyrus Boston, Houghton Mifflin Co. 1956 |
| 7. Education Research : Principles and Practices | - | Smith, H.L.Bloomington Indian Educational Pub; |
| 8. The Elements of Research | - | Whiteney, F.L.: New York Prenctice Hall Inc. 1961. |
| 9. Research in Physical Education | - | Clarke. H. : |
| 10. संशोधन पद्धती | - | डॉ.गंगाधर व्ही. कायंदे-पाटील, चैतन्य पब्लीकेशन, नासिक-13. |
| 11. सामाजिक संशोधन पद्धती | - | डॉ.सुधीर बोधनकर, श्री साईनाथ प्रकाशन, नागपूर. |
| 12. संशोधन पद्धतीशास्त्र व तंत्र | - | डॉ. प्रदीप आगलावे, विद्या प्रकाशन, नागपूर. |
| 13. शिक्षणातील संशोधन अभिकल्प | - | प्रा. बी.बी. पंडित, नुतन प्रकाशन. |
| 14. शिक्षा अनुसंधान के मूल तत्व एवं शोध प्रक्रिया | - | डॉ.आर.ए. शर्मा |
| 15. Research Methods in Physical – Activity (Second Edition) | - | Jerry R. Thomas, Jack K. Nelson. |
| 16. Research Methods in Physical - Activity (Fifth Edition) | - | Jerry R. Thomas, Jack K. Nelson and Stephen J. Silverman. |
| 17. Research Methods in Physical Education. | - | Dr. Suresh Kutty K. |


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## Semester-II
## Paper-IV
## Practicum

Total Marks : 100
Theory Marks : 80
Inter. Ass. : 20

**A) Yoga Practical** **40 Marks**

| | | |
|---|---|---|
| i | - Asana. | 10 Marks. |
| ii | - Shatkarma. | 10 Marks. |
| iii | - Pranayama and Bandha-Mudra. | 10 Marks. |
| iv | - Yogic Sukshma Vyayam, Sthula Vyayam and Suryanamaskar. | 10 Marks. |

**i Asana :**

1) Standing Asanas : Trikonasana, Utkatasana , Sankatasana.
2) Sitting Asanas : Bhadrasana, Badnapadmasana, ArdhaMatsyendrasana, Guptasana.
3) Prone Position : Dhanurasana, Naukasana.
4) Supine Position : Uttanpadasana, Viparitkarni, Setubandhasana, Sarvangasana.
5) Balancing Asanas **:** Vatayanasana, Shirsasana.

**Distribution of Marks (10 Marks)**

1. Two Asanas as Told by Examiner 3 Marks each. .. 06 Marks.
2. Two Asanas of Candidate's Choice 2 Marks each. .. 04 Marks.

**ii Shatkarma :**

1. Dhauti : Dand Dhauti, Vastra Dhauti
2. Trataka : Samip and Sudur

**Distribution of Marks (10 Marks)**

(Shatkarmas Divided in Two Groups)

1) **Without Instrument**

1. One Kriya as Told by Examiner. .. 02 Marks.
2. One Kriya of Candidate's Choice. .. 02 Marks.

2) **With Instrument**

1. One Instrumental Kriya as Told by Examiner. .. 03 Marks
2. One Instrumental Kriya of Candidate's Choice .. 03 Marks

iii Pranayam and Bandha – Mudra :

**Pranayama (Without Kumbhak)** **:** Sitkari, Bhastrika, and Bhramari.
**Bandha** **:** Uddiyan, Mul Uddiyanbandha.
**Mudra** **:** Shambhavi, Kaki, Bhujangi and Mahamudra.

**Distribution of Marks (10 Marks)**

1. Any One Pranayama as Told by the Examiner … 3 Marks.
2. Any one Pranayama of Candidate's Choice. … 3 Marks.
3. Any one Mudra as Told by the Examiner … 2 Marks.
4. Any one Bandha of Candidate's Choice. … 2 Marks.

**iv .Yogic SukshmaVyayama, SthulaVyayama and Suryanamaskar**

**Yogic Sukshma Vyayam**

1) Udara Shakti Vikasaka (2)
2) Udara Shakti Vikasaka (3)
3) Udara Shakti Vikasaka (4)
4) Udara Shakti Vikasaka (5)
5) Udara Shakti Vikasaka (6)
6) Udara Shakti Vikasaka (7)
7) Udara Shakti Vikasaka (8)
8) Udara Shakti Vikasaka (9)
9) Udara Shakti Vikasaka (Nauli) (10)
10) Kati Shakti Vikasaka (1)
11) Kati Shakti Vikasaka (2)
12) Kati Shakti Vikasaka (3)
13) Kati Shakti Vikasaka (4)
14) Kati Shakti Vikasaka (5)
15) Muladhar Chakra Shudhi.
16) Upastha Thatha Swadhisthan Chakara Shuddhi
17) Kundalini Shakti Vikasaka
18) Jangha Shakti Vikasaka (1)
21) Jangha Shakti Vikasaka (2)
22) Janu Shakti Vikasaka
23) Pindai Shakti Vikasaka
24) Pada-Mula Shakti Vikasaka
25) Padanguli –Shakti Vikasaka
26) Pada-Prushtha-Pada-Tala Gulpha-Shakti-Vikasaka

**Yogic SthulaVyayama**

1) Urdva-Gati
2) Sarvanga-Pusti

Distribution of Marks (10 Marks)

1. Any One Yogic SukshmaVyayama as told by the Examiner 3 Marks
2. Any one Yogic SukshmaVyayama of Candidate's Choice. 3 Marks
3. Any one Yogic SthulaVyayama as told by the Examiner 2 Marks
4. Any one Yogic SthulaVyayama OR Suryanamaskar of Candidate's Choice. 2 Marks

**Note: -** Where Practical Demonstration is not possible during Examination Verbal Explanation of the Technique is expected.

**B) Laboratory Practical --- 40 Marks**

1. Measurement of Pulse at different positions-static and Dynamic Phase.
2. To measure the Respiratory Rate in Rest and after Exercise.
3. Use of Stethoscope in Blood Pressure Recording.
4. To Measure the Lung Capacity by Wet Spyrometer.
5. To Measure the Depth Perception.
6. Application of Steadiness Tester.
7. Maintenance of Temperature Recording Chart. (Body Temperature and Room Temperature)
8. Measurement of Height and weight and Body Mass Index.

**Distribution of Marks**

1) One Experiment as told by the Examiner - 20 Marks
2) One Experiment of Candidate's Choice - 20 Marks

Internal and Assessment 20 Marks

1) Practical Note Book :
   a) Yoga Practical - 10 Marks
   b) Lab Practical - 10 Marks

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**Appendix-A**

SYLLABUS FOR ONE YEAR MLISc WITH SEMESTER PATTERN AND CREDIT SYSTEM

1. **Title of course:** Master of Library and Information Science (M.L.I.Sc.)
2. **Duration of the Course:** One year (Two Semesters credit system)
3. **Objectives of the Course:** Master of Library and Information Science (M.L.I.Sc.) of one year duration with semester and credit system has following objectives:-
   a) To train the students in the advanced skills of information/knowledge gathering, processing, organization and retrieval.
   b) To include managerial skills in the students for planning and management of LICs.
   c) To develop research skills in students and enable them to carry out research in LIS.
   d) To provide thorough understanding of IT application in information environment including network and communication systems.
4. **Eligibility:** A candidate who has secured B.L.I.Sc. degree from any Indian University with at least 40% marks.
5. **External Students:** This course is not open to external students. Only full time regular students are eligible for this course.
6. **Structure of the Course:**

**Semester – I**

| Paper No./Code | Title of the Paper | Marks | | Total Marks |
|---|---|---|---|---|
| | | External | Internal | |
| **ML-101** | Management of Libraries and Information Centers | 80 | 20 | 100 |
| **ML-102** | Information Communication | 80 | 20 | 100 |
| **ML-103** | Information Storage and Retrieval | 80 | 20 | 100 |
| **ML-104** | Library Networks | 80 | 20 | 100 |
| **ML-105** | Research Methodology | 80 | 20 | 100 |
| **ML-106** | ***TWO Elective Papers**<br>A) Health Science Information System<br>B) Agricultural Information System | 80 | 20 | 100 |
| **ML-107** | Library Networks and Digital Library (Practical) | 80 | 20 | 100 |
| **ML-107 (A)** | Viva-Voce | | | 50 |
| **ML-108** | Term Work | | | 50 |
| | | | **Total Marks** | **800** |

**Semester – II**

| Paper No./Code | Title of the Paper | Marks | | Total Marks |
|---|---|---|---|---|
| | | External | Internal | |
| **ML-201** | Marketing of Information Products and Services | 80 | 20 | 100 |
| **ML-202** | Computer Generated Indexes and Retrieval Techniques | 80 | 20 | 100 |
| **ML-203** | Information Analysis, Repackaging and Consolidation | 80 | 20 | 100 |
| **ML-204** | Digital Libraries | 80 | 20 | 100 |
| **ML-205** | Statistical Techniques for Report Writing | 80 | 20 | 100 |
| **ML-206** | ***TWO Elective Papers**<br>A) Engineering and Technological Information System<br>B) Legal Information System | 80 | 20 | 100 |
| **ML-207** | Project Report | | | 100 |
| **ML-207(A)** | Viva-Voce | | | 50 |
| **ML-208** | Term Work | | | 50 |
| | | | **Total Marks** | **800** |
| | | | **Grand Total (Sem-I + Sem-II)** | **1600** |
| | | | | |

**Note: *For Elective Papers:**

i) The Semester-I & II theory part shall consist of TWO elective papers.

ii) TWO elective papers (ML-106 (A) & ML-106 (B) in Semester I and TWO elective papers (ML-206 (A) & ML-206 (B) in Semester II have been given in the syllabus.

iii) Students need to offer any ONE elective paper out of TWO elective papers.

iv) The Department of Library and Information Science, Sant Gadge Baba Amravati University, Amravati and its affiliated Colleges running this course, may offer either ONE or more than ONE elective papers to the M.L.I.Sc. students depending upon the available expertise, resources etc.

v) Minimum number of students for each elective paper should not be less than FIVE students.

a) **Medium of Instruction:** English (The medium of instruction shall be in English and the question paper shall be set in English)

b) **Medium of writing examination:** English and Marathi

7. **University Terms:** For the award of Master of Library and Information Science (M.L.I.Sc.) a candidate should fulfill the following conditions:-

i) A student should have attended at least 75% of the total number of lectures and practicals in the said course, and shall have secure at least 40% of marks in theory, practical and term work. A student, who does not thus obtain 40% of marks in the theory, practical and term work, will have to keep fresh terms.

8. **Examination:-**

A) **Total marks and their allocation per paper:**

| | | |
|---|---|---|
| Semester I | Six Theory Papers | 600 Marks |
| | One Practical paper | 100 Marks |
| | ML-107 (A) Viva-Voce | 50 Marks |
| | ML-108: Term work | 50 Marks |
| | **Total** | **800 Marks** |
| Semester II | Six Theory Papers | 600 Marks |
| | Project | 100 Marks |
| | ML-207(A) Viva-Voce | 50 Marks |
| | ML 208: Term work | 50 Marks |
| | **Total** | **800 Marks** |
| | **Grand Total** | **1600 Marks** |

**A) Standard of Passing:**

1. For passing the M.L.I.Sc. Examination a candidate shall have to secure:
   a) Minimum 40% marks in each theory paper and internal
   b) Minimum 40% marks each in practical, internal and Viva-Voce.

**B) ATKT Rule:**

1. An applicant who has passed Semester-I shall be eligible for admission to Semester-II, subject to ATKT rules.
2. Reappearing candidate shall be awarded the actual class based on total marks obtained in the re-examination.

**CERTIFICATE**

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

Name of the Department/College_____

This is to certify that this Practical Record is original work done by Mr./Ms./Smt._____ Class_____ Semester_____during the academic Year _____.

He/She has submitted /not submitted the Assignment/Report/Seminar/Group Discussion as prescribed by Sant Gadge Baba Amravati University, Amravati.

Signature of the Teacher Signature of the Head of the Department

Signature of the External Examiner

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9. **Pattern of Question Paper on the unit system:**

**A. Theory:**

The pattern of question paper as per unit system will be broadly based on the following pattern.

1. Syllabus has been divided into units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type or a short answer type.
2. Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.
3. For every question long answer type or short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.

4. Division of marks between long answer and short answer type questions will be in the ratio of 40 and 60. There will be Long questions of 16 Marks each on TWO units (32 marks), FOUR shorts questions of 4 marks each on THREE units (48 marks).

5. Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.

6. Questions paper will consists of five questions and all the questions shall be compulsory.

7. The duration of the paper will be three hours.

**B. Practical:**

1. Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.

2. The duration of the paper will be of Three hours.

**C. Internal Assessment:**

1. Internal Assessment Marks shall be allotted on the basis of Assignments, Class Work, Seminars and Observation of Teacher.

2. Appropriate record of assignment, class work and seminars shall be kept in the department/college.

**D. VIVA VOCE:**

The Viva Voce exam will be conducted by External Examiner on the basis of practical examination in Library Networks and Digital Library.

## SCHEME OF TEACHING AND EXAMINATION FOR SEMESTER & CREDITS PATTERN OF MASTER OF LIBRARY AND INFORMATION SCIENCE (M.L.I.Sc.)

| Paper No./Code | Title of the Paper | Teaching Scheme | | | Examination Scheme | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Theory | Pract. / Internal | Total Credits | Theory | | | Pract. / Internal | | |
| | | Credits | Credits | | Dur. | Max. Mar. | Min. Passing Marks | Max. Mar. | Min. Passing Marks | |
| **SEMESTER-I** | | | | | | | | | | |
| **ML-101** | Management of Libraries and Information Centers | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-102** | Information Communication | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-103** | Information Storage and Retrieval | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-104** | Library Networks | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-105** | Research Methodology | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-106** | ***TWO Elective Papers**<br>C) Health Science Information System<br>D) Agricultural Information System | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-107** | Library Networks and Digital Library (Practical) | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-107(A)** | Viva-Voce | 2 | | 2 | | 50 | | | 20 | 50 |
| **ML-108** | Term Work | 2 | | 2 | | 50 | | | 20 | 50 |
| | **Total** | **25** | **07** | **32** | | **660** | **224** | **140** | **96** | **800** |
| **SEMESTER-II** | | | | | | | | | | |
| **ML-201** | Marketing of Information Products and Services | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-202** | Computer Generated Indexes and Retrieval Techniques | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-203** | Information Analysis, Repackaging and Consolidation | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-204** | Digital Libraries | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-205** | Statistical Techniques for Report Writing | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-206** | ***TWO Elective Papers**<br>C) Engineering and Technological Information System<br>D) Legal Information System | 3 | 1 | 4 | 3 Hr. | 80 | 32 | 20 | 08 | 100 |
| **ML-207** | Project Report | 3 | 1 | 4 | -. | 100 | - | | | 100 |
| **ML-207 (A)** | Viva-Voce | 2 | | 2 | | 50 | | | | 50 |
| **ML-208** | Term Work | 2 | | 2 | | 50 | | | | 50 |
| | **Total** | **25** | **07** | **32** | | **680** | **192** | **120** | **48** | **800** |
| | **Grand Total** | | | | | | | | | **1600** |

## SEMESTER- I

## ML-101 MANAGEMENT OF LIBRARIES AND INFORMATION CENTERS

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Management:**<br>Concept, Definition and Scope, Principles of Scientific Management-Their application to LICs.<br>School of Thoughts: Classical School, Scientific Management School, Human Behavior and Motivation School, Decision Theory School<br>Approaches: Behavioral Approach, Mathematical Approach, Formalistic Approach, and Participative School, Organizational Structure: Concept and Scope |
| **Unit – 2** | **Planning:**<br>Concept, Need and Purpose<br>Steps, Planning of LIC, Forecasting Techniques<br>Strategic Planning, Methods of Planning |
| **Unit – 3** | **Controlling:**<br>Concept, Definitions, Scope and Use in LIC<br>Budgetary and Non-budgetary Control<br>PERT and CPM |
| **Unit – 4** | **Change Management:**<br>Concept of change,<br>Changes in procedures, methods, tools and techniques<br>Problems of Incorporating change<br>Techniques of managing change |
| **Unit – 5** | **Trends in Management Techniques:**<br>Management by Objective (MBO), Management by Organizational Development (MBOD), and Management by Exception (MBE), TQM, SWOT Analysis, Six Sigma, Out Sourcing, Re-engineering, MIS. |

## ML – 102 INFORMATION COMMUNICATIONS

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Data, Information and Knowledge:**<br>Data, Information and Knowledge: Definitions and Conceptual Difference<br>Information Nature and Characteristics<br>Generation of Information and knowledge: Information Transfer Chain<br>Value and Use of Information |
| **Unit – 2** | **Communication of Information:**<br>Information Communication: Concept, and Scope, Information Communication Channels, Models and Barriers, Trends in Scientific Communication, Agencies promoting Communication of Information |
| **Unit – 3** | **Information Science:**<br>Definitions, Objectives and Scope,<br>Growth and development of Library Science<br>Documentation and Information Science<br>Interdisciplinary Nature of Information Science |
| **Unit – 4** | **Information Programmes, Policies and Acts**<br>National Information Policy: Concept, Need and Guidelines, National and International Policy Issues, Information Super Highway.<br>National Information System (NATIS): Concept and Need, Universal Availability of Publication (UAP)<br>Intellectual Property Rights: WIPO and WIPONET, Right to Information, Freedom of Information, Censorship, Fair Use, Data Security. |
| **Unit – 5** | **Information System and Information Unit**<br>National & International Information System: NISSAT, NASSDOC, NISCAIR, DESIDOC, INIS, AGRIS, INSPEC.<br>Information Unit: Aims and Objective, Types and Need of Information Unit,<br>Information Center: Clearing House, Data Centers and Data Banks, Liaison Services, Information Analysis Center, Referral Service Center, Information Call Center. |

## ML–103 INFORMATION STORAGE AND RETRIEVAL

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Information Storage and Retrieval**<br>Concepts, Objectives, Functions and Components of Information Storage and Retrieval<br>Content Analysis: Concept, Need, Scope and Steps in Content Analysis, Methods of Content Analysis |
| **Unit – 2** | **Document Representation and Document Description**:<br>Document Description: Principles and Practice<br>Standards for bibliographic description at National and International level<br>Current Trends in Standardization and Information Exchange<br>Trends in Information Retrieval Models |
| **Unit – 3** | **Subject Indexing:**<br>Concept, Objectives, Functions and Need of Index<br>History and Development of Subject Indexing |
| **Unit – 4** | **Indexing Models:**<br>Pre-co-ordinate Indexing: Chain Indexing, PRECIS, POPSI<br>Post-Co-ordinate Indexing: Uniterm Indexing; Zatocoding system; Optical coincidence methods (Peek-a-Boo-system) |
| **Unit – 5** | **Indexing Languages:**<br>Characteristics and Types<br>Vocabulary Control: Natural and Control Language, Semantic and Syntax<br>Subject Heading Lists: LCSH, SLSH,<br>Thesaurus: Purpose, Function and Structure, Steps in construction of Thesaurus, Thesaurofacet and Classarus. |

## ML – 104 LIBRARY NETWORKS

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Library Networks:**<br>Library Networks: Concept and Definition<br>Aims and Objective of Library Network<br>Need of Library Networks,<br>Uses of Library Network,<br>Pre-requisites for Network Organization |
| **Unit – 2** | **Network Services:**<br>Types of Network Services, Importance of Network Services<br>Types of Networks: DELNET, INFLIBNET, BONET, ERNET, NICNET, JANET, BLAISE, OCLC. |
| **Unit – 3** | **Resource Sharing and Consortia:**<br>Concept and Needs, Modern Trends in Resource Sharing<br>Consortia: Concept, Definitions, Benefits and Limitations<br>Types of Consortia, International Initiatives – FORSAA<br>Indian Initiatives – UGC-INFONET, J-Gate, INDEST, CSIR e-journal consortium |
| **Unit – 4** | **Web Technologies in Libraries:**<br>WEBOPAC , Web 2.0 Functions and Features, Web 2.0Toolsand Their application in Libraries: RSS Feed, Weblogs, PODCASTS, Instant Messaging, Flicker, Wikkis and Social Networking |
| **Unit – 5** | **Creation of Web Documents:**<br>Website Designing,<br>Markup Languages: SGML, HTML and XML<br>Website Designing Languages-HTML, Contents of Library Web page, Website Evaluation Criteria |

## ML–105 RESEARCH METHODOLOGY

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Research:**<br>Concept, Meaning, Need and Purpose of Research<br>Types of Research-Fundamental and Applied including Interdisciplinary and Multidisciplinary Research<br>Research in Librarianship: Need, Nature and History, Areas of Research in LIS |

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| **Unit – 2** | **Research Design:**<br>Research Design: Objectives and Steps in Research Design, Types of Research Design, and Characteristics of a Good Research Design<br>Research Problem: Identification and Formulation of Research Problem, Selection of Research Problem,<br>Hypothesis: Need, Purpose and Characteristics, Types of Hypothesis<br>Designing of Research Proposal |
| **Unit – 3** | **Research Methods:**<br>Research Methods: Scientific Methods, Historical Methods, Descriptive Methods, Survey Methods, Case Study Methods, Experimental Method and Delphi Techniques |
| **Unit – 4** | **Research Techniques and Tools:**<br>Data Collection Techniques: Primary and Secondary<br>Data Collection Tools: Questionnaire, Schedules, Interview, Observation Scales, Check Lists, Library Records and Reports |
| **Unit – 5** | **Sampling Techniques:**<br>Concept, Meaning and Purpose of Sampling<br>Sampling Techniques: Types, Purpose and Steps in Sampling |

## ELECTIVE PAPERS
## ML–106(A) HEALTH SCIENCE INFORMATION SYSTEM

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Health Science Education and Health Science Libraries:**<br>Growth and Development of Health Science (Medical and Paramedical) Education and Research in India<br>Role of libraries in Health Science Education, Research and Extension<br>Recent Growth and Development of Health Science Libraries in India<br>Information Polices in Health and Family Welfare |
| **Unit – 2** | **Health Science Information Sources and Services:**<br>Specialized Collections and Information Sources (Print & Electronic)<br>Health Science Information Center- National and International<br>Information Services and Products in Health Science<br>National and International Health Science Databases |
| **Unit – 3** | **Organizations Health Science Libraries and Information Centers:**<br>Information Management: Concept and Principles<br>Collection Management, Information Organization, Processing and Dissemination<br>Developing need based and on-demand specialized services. |
| **Unit – 4** | **Information Needs:**<br>Information Needs: Concept, Definitions and Purpose<br>Information Requirement of Faculty, Researcher and Scientist<br>User Studies and Survey of Local Health Science Libraries<br>User Studies and Survey of Regional Health Science Libraries |
| **Unit – 5** | **Management of Health Science Information Systems and Networks:**<br>Current Trends in Health Science Information Systems and Networks<br>Human Resource Development- Staffing, Training and Professional Skills<br>Resources Sharing and Networking in Health Science Libraries in India<br>Professional and Research Association engaged in Medical and Health Sciences |

## ML–106(B) AGRICULTURAL INFORMATION SYSTEM

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Agricultural Education and Agricultural Libraries:**<br>Growth and Development of Agricultural Education and Research in India<br>Role of Libraries in Agricultural Education, Research and Extension<br>Development of Agricultural Libraries in India, Information Policies in Agricultural Science |
| **Unit – 2** | **Agricultural Information Sources and Services:**<br>Specialized Collections and Information Sources (Print & Electronic)<br>Information Services and Products in Agricultural Science<br>Agricultural Information Centers-National and International<br>National and International Agricultural Databases |

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| **Unit – 3** | **Organization of Agricultural Libraries and Information Centers:**<br>General Principles of Information Management<br>Collection Management<br>Information Organization, Processing and Dissemination<br>Developing need based and on demand specialized services |
| **Unit – 4** | **Information Needs:**<br>Information Needs: Concept, Definitions and Purpose<br>Information Requirement of Agricultural Faculty and Researchers<br>User Studies and Survey of Local Agriculture Libraries<br>User Studies and Survey of Regional Agriculture Libraries |
| **Unit – 5** | **Management of Agricultural Information Systems and Networks:**<br>Current Trends in Agricultural Systems and Networks, Human Resource Development-Staffing, Training and Professional Skills<br>Resources Sharing and Networking in Agricultural Libraries in India, Professional and Research Association engaged in Agricultural Sciences. |

## ML – 107 LIBRARY NETWORKS AND DIGITAL LIBRARY: (PRACTICAL)

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1**<br>**1 Credit** | Internet Searching and Web Searching: Searching of information on two subjects using various search strategies: Basic, Advanced, Truncation, wild card, pearl citation, Google scholar, N-list etc.<br>Content management software |
| **Unit – 2**<br>**1 Credit** | CD-ROM Searching / CD search: study of minimum 5 CDs (text, graphic), E-mail, Digitization of documents (scanning, OCR etc.) |
| **Unit – 3**<br>**1 Credit** | Using Digital Library Software<br>Open Source Software : Greenstone, DSpace etc. Create and build digital Library using any open Source Digital Library Software including Articles, graphics, videos etc. |
| **Unit – 4**<br>**1 Credit** | Web Page Designing<br>Open a page, create a new page, and give pages a consistent look, (eg.-themes), add page elements (eg. Page banner), create hyperlinks. |

**ML-107 (A) VIVA VOCE** –Viva based on Library Networks and Digital Library practical.

1. Paper No. ML- 107 Library Networks and Digital Library: Practical: (80+20=100 Marks). These 100 marks are divided as:
   **a) External Examination (80 Marks)**
   - i) Searching Journal articles and e-books on Internet using Boolean operators, databases etc. : 20Marks
   - ii) CD-ROM Searching/Digitization of document : 20Marks
   - iii) Internet Searching and Web Searching Using Digital library software-Creation and build Digital Library using any open source Digital Library Software: 20Marks
   - iv) Web Page Designing : 20Marks

   **b) Internal Examination (20 Marks)**
   Maintaining Records of :
   - i) Snapshots of Installation and creation of Digital Library : 05 Marks
   - ii) Study of CD-ROM Databases or Online Databases : 05 Marks
   - iii) Digitization of documents and Record : 05 Marks
   - iv) Creation of web page using HTML and publishing over internet explorer: 05 Marks

   **c) ML 107 (A) VIVA VOCE : (50 Marks)**
   Based on the Practical Exam-The external examiner will conduct the viva voce at the time of Practical exam.

**ML 108 TERM WORK: (50 Marks)**
**Term work includes -**Seminars, Group discussions, Downloading and indexing of 25 free e-books.

## SEMESTER – II

## ML-201 MARKETING OF INFORMATION PRODUCTS AND SERVICES

| Unit | Total Number of Credits = 4 |
|---|---|
| Unit – 1 | **Marketing of Information Services and Products:**<br>Concept of Marketing, Marketing for Non-profit Organization, Market Analysis, Market Research and Market Trend, Marketing Services, Marketing Ethics, Marketing Management and Librarianship: Past, Present and Future. |
| Unit – 2 | **Pricing, Promotion and Evaluation of Information Product**<br>Pricing of Information Services and Products<br>Marketing Tools, Promotion of Products, Branding and Advertising, Evaluation of Information Services and Products. |
| Unit – 3 | **System Analysis and Design**<br>System Approach: Concept, System Analysis, Library as a system, System Design: System Design Process, Project Management,<br>Time and Motion Study: Time Management, Work Study, Work Measurement |
| Unit – 4 | **Management Consultancy**<br>Definition of Consultancy, Concept<br>Professional Consultancy: Concept and Evolution, Areas of Application, Need, Pre-requisites, Provision, Impact on Librarianship and Library Information Center |
| Unit – 5 | **Organization Development and Effectiveness**<br>Organizational Development: Concept, Scope and Objectives<br>Organizational Effectiveness: Concept and Need, Organizational Change: Concept and Need, Effectiveness and Development Skills of Change Agent, Organization Climate and Culture |

## ML–202 COMPUTER GENERATED INDEXES AND RETRIEVAL TECHNIQUES

| Unit | Total Number of Credits = 4 |
|---|---|
| Unit – 1 | **Computer Generated Indexes**<br>Role of computer in generation of Indexes,<br>Manual vs Computerized Indexes<br>Computer base Indexing System: KWIC, KWOC etc.<br>Citation Indexing |
| Unit – 2 | **Search Process:**<br>Search Strategy: Concept and Steps<br>Search Strategies in Computer Generated Indexing System<br>Offline and Online Information Retrieval Techniques<br>Natural Language Processing and their Retrieval |
| Unit – 3 | **Evolution and Trends:**<br>Evolution of Information Retrieval Techniques<br>Recent Trends in Information Retrieval System |
| Unit – 4 | **Information and Knowledge Management:**<br>Concept, Scope and Nature of Information Management<br>Steps in Information Management<br>Knowledge Management: Concept and Need of Knowledge Management<br>Types of Knowledge: Tacit and Explicit<br>Tools and Techniques of Knowledge Management |
| Unit – 5 | **Bibliographical Control:**<br>Concepts and Need of Bibliographical Control<br>Historical Development of National and Universal Bibliographical Control<br>Role of UNESCO and IFLA in Bibliographical Control<br>Bibliography of Non-documentary Sources: Need and Functions |

## ML – 203 INFORMATION ANALYSIS, REPACKAGING AND CONSOLIDATION

| Unit | Total Number of Credits = 4 |
|---|---|
| Unit – 1 | **Information Analysis:**<br>Concept, Definitions and Need, Methods of Information Analysis<br>Abstract and Abstracting: Definitions and Need,<br>Types of Abstract, Techniques of Abstracting, Steps in Abstracting, Standard and Guidelines for Preparation of Abstract |

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| **Unit – 2** | **Information Repackaging:**<br>Concept and Need of Repackaging,<br>Repackaging and Formatting, Agencies dealing with Repackaging of Information,<br>Electronic Content Creation: Meaning, Need, Objectives and Techniques<br>CAPS: Definition, Concept and Importance |
| **Unit – 3** | **Information Consolidation**<br>Definition and Concept of Information Consolidation<br>Objectives and Need of Information consolidation<br>Value and benefits of Consolidation.<br>Methods of Information Consolidation<br>Pre-requisites and Stages/Steps in the Preparation of Information consolidation, Tools for Consolidation |
| **Unit – 4** | **Information Consolidation Products (ICP)**<br>Nature of Information Consolidation Product, Design and Development of ICP,<br>Types of Information Consolidation Product: User Manual, Indexes, Bibliographies, Union Catalogues, Abstract Bulletin , Library Bulletin, Trend Report, State of the Art etc. |
| **Unit – 5** | **Information Analysis and Consolidation Centers:**<br>Information Analysis and Consolidation Centers: Genesis, Types, Functions and Activities<br>Planning and Management of Information Analysis and Consolidation<br>Centers: Policy formulation, Management and Resource needed<br>Recent Trends in Information Analysis and Consolidation |

## ML–204 DIGITAL LIBRARIES

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Digital Library:**<br>Digital library: Definition, Objectives, Scope, and Services<br>History of Digital Libraries<br>Electronic Library: Development and Services<br>Virtual Library: Development and Services |
| **Unit – 2** | **Building Digital Libraries:**<br>Pre-requisites for building of Digital Library, Digitization Process, Challenges.<br>Digitization Hardware and Software, OCR, Image Editing Software,<br>Open Source Software for Digitization: D-Space, Green Stone, Fedora and E-print. |
| **Unit – 3** | **Design and Organization of Digital Library:**<br>Collection Development (e-Books, e-Journals etc.), Organization and Preservation of Digital Material, Data Warehousing and Data Mining,<br>Metadata: Nature, Standards (Dublin Core), Creation and Standards. |
| **Unit – 4** | **Digital Rights Management:**<br>Digital Rights Management: Concept and Need<br>Digital Millennium Copyright Act<br>IPR issues in Digitization, Fair Use (Fair Deal) of use of Digital Information,<br>Plagiarism and Copyright Infringement<br>Cyber Crimes and Cyber Laws |
| **Unit – 5** | **Digital Library Initiatives:**<br>Digital Library Initiatives World Wide, Digital Libraries Initiatives in India,<br>Open Access Movement, Case study of selected Digital Libraries: Digital Library of India, National Digital Library, California Digital Library, and Alexandria Digital Library. Institutional Repositories, ETD Repositories. |

## ML–205 STATISTICAL TECHNIQUES FOR REPORT WRITING

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Data analysis, Methods and Tools:**<br>Descriptive Statistics: Measures of Central Tendency, Mean, Mode, Median<br>Measures of Central Tendency: Standard Deviation<br>Measures of Dispersion, Variance and Covariance |
| **Unit – 2** | **Data Presentation:**<br>Tabulation and Generalization,<br>Graphical presentation of data: bar, pie-line graphs, Histograms etc.<br>Testing of Hypothesis using Statistical Test: Chi-square, T-Test, Z-Test |

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| **Unit – 3** | **Research Reporting:**<br>Research Reporting: Structure, Style and Contents<br>Presentation of Findings<br>Citation of Print, Electronic and Internet Sources using Style Manual: Chicago, APA, and Harvard.<br>Writing Research Report, Qualities of Good Research Report |
| **Unit – 4** | **Research Ethics and Trends:**<br>Ethical aspects of Research, Qualities of a Good Researcher<br>Statistical Packages: SPSS and MICROSTAT<br>Current Trends in LIS Research |
| **Unit – 5** | **Bibliometrics, Scientometrics and Informetrics:**<br>Bibliometrics: Concept and Definition<br>Bibliometric Laws: Lotka's Law, Bradford's Law, Zipf's Law<br>Bibliographic Coupling, Obsolescence, Citation Studies, Impact Factor (H-Index)<br>Scientometrics, Informetrics, Webometrics: Concept and Definition |

## ML–206 (A) ENGINEERING AND TECHNOLOGICAL INFORMATION SYSTEM

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Engineering Education and Engineering Libraries:**<br>Growth and Development of Engineering Education and Research in India.<br>Role of Libraries in Engineering Education, Research and Extension.<br>Development of Engineering and Technological Libraries in India.<br>Information Policies in Engineering and Technology. |
| **Unit – 2** | **Engineering Information Sources and Services:**<br>Specialized Collections and Information Sources (Print & Electronic)<br>Information Services and Products in Engineering and Technology<br>Engineering and Technological Information Centers-National and International,<br>National and International Databases for Engineering Technology |
| **Unit – 3** | **Organization of Engineering and Technological Information Centers:**<br>Principles of Information Management<br>Collection Management<br>Information Organization, Processing and Dissemination<br>Developing need based and on demand specialized services |
| **Unit – 4** | **Information Needs**<br>Information Needs: Concept, Definitions and Purpose<br>Information Requirement of Engineering Faculty, Researchers and Engineers<br>User Studies and Survey of Local Engineering and Technological Libraries<br>User Studies and Survey of Regional Engineering and Technological Libraries |
| **Unit – 5** | **Management of Engineering and Technological Information Systems and Networks:**<br>Current Trends in Engineering and Technological Systems and Networks,<br>Resources sharing and Networking in Engineering and Technological Libraries in India,<br>Professional and Research Association engaged in Engineering and Technology |

## ML–206 (B) LEGAL INFORMATION SYSTEM

| Unit | Total Number of Credits = 4 |
|---|---|
| **Unit – 1** | **Law Librarianship :**<br>Growth and Development of Legal Institutions in India.<br>Nature, Principles and characteristics of legal Information and law libraries<br>Types of law libraries |
| **Unit – 2** | **Legal Information Sources and Services:**<br>Special Information Sources: Bills, Acts, Books, Serials, law Reports, Law Court Notices, Law Case Amendments Tribunal Report, law Digests, Legal judgments, delegated legislation. |
| **Unit – 3** | **Organization of Law Libraries and Information Centers:**<br>Principles of Information Management<br>Collection Management<br>Information Organization, Processing and Dissemination<br>Developing need based and on demand specialized services |

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|---|---|
| **Unit – 4** | **Information Needs**<br>Information Needs: Concept, Definitions and Purpose<br>Information Requirement of faculty in legal institutions<br>Information Requirement of lawyers and legal professionals<br>User Studies and Survey of Local law libraries and preparation of report. |
| **Unit – 5** | **Management of Legal Information Systems and Networks:**<br>Management of Law Libraries and Information Centres<br>Human Resource Development-Staffing, Training<br>Professional Skills<br>Financial Management-Budgetary Provision, Resource Generation, extra finance, programs and projects.<br>Current Trends in Legal Information Systems and Networks,<br>Resources sharing and Networking in Law Libraries in India, Professional Association engaged in Legal Studies. |

**ML – 207: PROJECT**

The 100 marks for Project valuation and 50 marks for viva, External examiners shall assign marks out of 100 for project and 50 for viva-voce.

**ML 208: TERM WORK: (50 Marks)**

**Term work includes –**Seminars, Creation and development of E-learning Modules

**Recommended Books:**

**ML-101 and ML-201**


- Anderson, A. H. and Barker D. Effective Enterprise and Change Management Oxford: Blackwell Publisher Limited, 1996.
- Aswathappa, K. Human Resources and Personnel Management. New Delhi: Tata McGraw- Hill, 1997.
- Baker, David. The Strategic Management of Technology: A guide for Library and Information Services. Oxford (UK): Chandos Publishing, 2004.
- Drucker, Peter F. The Practice of Management, New York: Holt, Rienchart and Winston, 1958.
- Evans, Edward G. Management Techniques for Librarians. 2nd Ed. New York: Academic Press, 1982.
- Fayol, Henri, General and Industrial Management. Tr. By Constance Stores. London: Pitman, 1949.
- FitzGerald, J and Fitz Gerald, Ardra F. Fundamentals of System Analysis. 3rd Ed. New York: John Wiley, 1987.
- French, W. E. and Bell, C. H. Organizational Development. New Delhi: Prentice-Hall of India, 1995.
- Gupta, D. K. and Jambhekar, Ashok (Ed.). An Integrated Approach to Services Marketing: A book of reading on making of Library and Information Services. Mumbai: Allied Publication, 2003.
- Hayes, R. M. Strategic Management for Academic Libraries: A Handbook. Westport: Greenwood, 1993.
- Holloway, J. (ed.) Performance Measurement and Evaluation. New Delhi: Sage, 1995.
- Koontz, H. and Weithric, H. Essentials of Management. 5th Ed. New Delhi: Tata McGraw-Hill Publishing Co. Limited, 1998.
- Kumar, P.S.G. Management of Library and Information Centers. New Delhi: B. R. Publication, 2003.
- Lahiri, R. Management of Libraries of Libraries Concepts and Practices. New Delhi: Ess-Ess Publication, 1996.
- Lawes, Ann. Management Skills for the Information Manager. London: Ashgate Pub, 1993.
- Luthans, F. Organizational Behaviour. 7th Ed., New York: McGraw-Hill, 1995.
- Mendonca, M. and Kanungo, R. N. Work Motivation. New Delhi: Sage, 1994.
- Mishra, **K. C.** 21st Century Library Management. New Delhi: **Ess-Ess Pub., 2004.**

- Mittal, R. L. Library Administration: Theory and Practice. New Delhi: Metropolitan Book Company, 1996.
- Narayanan, G. J. Library Management and Information Management. New Delhi: Printice Hall of India, 1991.
- Pawar, B. S. and Vyas, S. D. Library Management. New Delhi: B. R. Publishing Corporation, 1986.
- Prytherch, Ray. Gower Handbook of Library and Information Management. Aldershot: Gower, 1998.
- Robbins, S. P. Organizational Behaviour 7th Ed. New Delhi: Prentice Hall of India, 1996.
- Vasisth, N. Students' Guide to Management. New Delhi: Taxmann, 2002.
- Wadhawa, R. K. Management Information System and Corporate Communications. New Delhi: Kanishka Publishers, 1998.
- White, Herbert S. Library Personnel Management. New York: Knowledge Indus Publication, 1985.
- Woodal, Jack Rebuck, Debrorah, K. and Vochl, Frank. Total Quality in Information Systems and Technology. New Delhi: Vanity Books, 1998.


**ML-102 and ML-202**


- Ahuja, B. N. and Chhabra, S. S. Communications. New Delhi: Surjeet Publication, 1989.
- Babu, B. Ramesh and et.al. Information Management: Trends and Issues. New Delhi: Researchco Book Centre, 2003.
- Babu, B. Ramesh and Gopalakrishnan (Ed.) Knowledge Management: Today and Tomorrow. New Delhi: Ess-Ess Publication, 2003.
- Babu, B. Ramesh and Gopalakrishnan, S. (Ed). Information Communication, Library and Community Development. New Delhi: B. R. Publishing Corporation, 2004.
- Jain, A. K. Bhatia, Pravin S. R. and Sheikh, A. M. Professional Communication Skills. New Delhi: S. Chand and Company, 2001.
- Kamala, Vijayan D. and et.al. (Ed). International Conference on Information Management in a Knowledge Society. Vol.-I. New Delhi: Allied Publishers, 2005.
- Kamalavijayan, D. Information and Knowledge Management. New Delhi: Macmillan India Limited, 2005.
- Kumar, P.S.G. Fundamental of Information Science. New Delhi: S. Chand and Company, 1998.
- Kumar, P.S.G. Information and Communication. New Delhi: B. R. Publication, 2004.
- Sahib, Singh. Library and Literacy Movement for National Development. New Delhi: Concept Publishing Company, 2003.
- Toffer, Alvin. The Power Shift: Knowledge wealth and violence at the Edge of the 21st Century, New York: Bantam House, 1991.
- Vickery, B. C. and Vickery, A. Information Science in Theory and Practice. London: Butterworth, 1987.


**ML-103 and ML-203**


- Bhattacharya, G. DRTC Annual Seminar on IASLIC: A Review. (DTRC Annual Seminar. 18, 1981; paper IA.)
- Brandreth, M. Specialized Information/Analysis centre in International development: Report of a meeting held at Montebello, Quebec, Canada 4-8, October, 1982. 12DC Manuscri pt series. March, 1984.
- Bryson, J. O. Effective Library and Information Centre Management. USA: Gower Publishing Company, 1980.
- Chandra, A. and Saxena, P. Style Manual for writing thesis, dissertations and papers in social science. New Delhi: Metropolitan, 1979.
- Dinesh, E. and Ramachandran, M. Organization and set up of an Information Analysis Centres. DTRC Annual Seminar 18, 1981. Paper HB.
- Ellis, D. New Horizons in Information Retrieval. London: Library Association, 1990.
- Fosket, A.C. Subject Approaches to Information. 3rd ed. London: Clive Bingley, 1977.
- Gopinath, M. A. Preparation of an Index to a book: A Case Study Library Science with a Slant Documentation, 1967, Paper E.
- Gopinath, M. A. Typology of structural relations for Information Analysis and consolidation products, feedback and evaluation: a case study. DTRC Annual seminar. 18; 1981. Paper EA.

- Kumar, P.S.G. Information Analysis, Repackaging, Consolidation and Information Retrieval. New Delhi: B. R. Publishing, 2004.
- Lancaster, F. W. Vocabulary Control for Information Retrieval. New York: Information Resources Press, 1972.
- Matcalfe, J. R. Organization of ICU: Centralized or decentralized Information analysis and consolidation; who page (paper presented at the third meeting of UNISIST wording group on information analysis and consolidation. Kaula lampir 12-16 Sep 1983.
- Narayana, G. J. Library and Information Management. New Delhi: Prentice Hall India, Pvt. Ltd. 1991.
- Saracevic, T. and Wood, J. S. Consolidation of Information: A hand book of evaluation restructuring and repackaging of scientific and technical information. Paris: UNESCO, 1981.
- Seetharama, S. Costing of Information System and services: Some General Considerations. DRTC Annual Seminar 24, 1990. Paper B.
- Seetharama, S. Evaluation measures in information retrieval system IASLIC conference 1992.
- Seetharama, S. Guidelines for Planning of Libraries and Information Centers. Calcutta: IASLIC, 1990.
- Seetharama, S. Information Consolidation and Repackaging: Frame work, Methodology, Planning. New Delhi: Ess-Ess Publications, 1997.
- Seetharama, S. Libraries and Information Canters as Profit Marking Institutions. New Delhi: Ess-Ess Publications, 1998.
- Raju, A A N and Ramaiah, L. S. National Bibliographical Control: Problems and Perspectives. Allied Publishers, 2003.


**ML-104 and ML-204**


- Ackermann, F. and Hartman, K. The Information Specialist's guide to Searching and Researching on the Internet and the World Wide Web. Chicago: Fitzroy Dearborn Publishers, 1999.
- Ali, Amjad. Digital Libraries and Information Networks. New Delhi: Ess-Ess Publication, 2007.
- Arms, William Y. Digital Libraries. Rev. Ed. Ane Books, 2005.
- Asok Babu and Ramaiah, L S. Developing Cyber Libraries. New Delhi: Allied Publisher, 2006.
- Baker, David. The Strategic Management of Technology: A guide for Library and Information Services, Oxford (UK): Chandos Publishing, 2004.
- Bavakutty, M., Veeran, M. K. and Muhammed Salih, T. K. (Ed). Information: Access, Management and Exchange in the Technological Age. New Delhi: Ess-Ess Publication, 2003.
- Bhatnagar, S. C. and Ramani, K. U. Computers and Information Management: A Printer for Practicing Managers. New Delhi: Prentice Hall of India, 1989.
- Bradeley, P. And Smith, A. World Wide Web: How to design and Construct home pages. London: ASLIB, 1996.
- Chaudhary, G. G. Introduction to Digital Libraries. London: Facet, 2003.
- Chaudhary, G. G. Text Retrieval System in Information Management. New Delhi: New Age International, 1996.
- D'Souza, Monica and D'Souza, Jude. Web Publishing, New Delhi: Tata McGraw –Hill Company Limited, 2001.
- Godia, Kundan. Electronic Services in Library and Information Services. New Delhi: Adhyayan Publishers and Distributors, 2007.
- Gopinath, M. A. and Reddy, E. Rama. Information Access through Networks. Hyderabad: Book links Corporation, 1996.
- Hirwade, Mangala and Hirwade, Anil. Fundamentals of Intellectual Property Rights. Nagpur: Himalaya Publications, 2007.
- Horak, Ray. Communication Systems and Networks. 2nd Ed. New Delhi: IDG, 2000.
- Kumar, P. S. G. Computerization of Indian Libraries. New Delhi: B. R. Publishing, 1987.

- Leon, A. and Leon, M. Fundamentals of Information Technology. Chennai: Lion Tech World, 1999.
- Malwad, N. M. and et. al (Ed). Digital Libraries: Dynamic Storehouse of digitized Information. New Delhi: New Age International, 1996.
- Murthy, S. S., Ravi, Anuradha and Moorthy, A. Lakshmana (Ed.) Bibliographic Databases and Networks. New Delhi: Tata McGraw- Hill Publishing Company, 1989.
- Naik, Dilip C. Internet Standards and Protocols. New Delhi: Prentice Hall India Limited, 2001.
- Parthan, S. and Jeevan, V. K. J. Information Management in E-Libraries. New Delhi: Allied Publisher, 2002.
- Pedley. Digital Copyright. 2nd Ed. London: Facet, 2005.
- Rao, N. Laxman. Responding to users' need in changing Information Landscapes: Journey of Libraries from Palm-Leaf to Palmtop. New Delhi: Indian Library Association, 2004.
- Ravichandra Rao, I. K. Library Automation. New Delhi: Wiley Eastern, 1993.
- Saffady, W. Introduction to Automation for Librarians, 3rd Ed. London: American Library Association, 1994.
- Satarkar, S. P. Intellectual Property Rights and copyright matters. Nanded: Swapnil Mudranalaya, 2002.
- Singh, Pravin C. Digital Libraries Tools and Techniques. New Delhi: Alfa Publications, 2008.
- Sinha, Kamala. Access to Information Technology in Modern Libraries. Delhi: Vista International Publishing House, 2005.
- Sinha, Kamala. Changing role of Digital Librarian. Delhi: Vista International Publishing House, 2007.
- Thomas, R. And Yeats, J. A. User's guide to the Unix System. 2nd Ed. New Delhi: Tata McGraw-Hill, 1995.
- Vengan, R., Mohan, H. R. and Raghavan, K. S. Information Services in a Networked environment in India. Ahmadabad: INFLIBNET Centre, 2000.
- Ramaiah, L. S. E-libraries: Problems and perspectives (Festschrift in honour of shri Ashok Babu tummala). New Delhi: Allied Publisher, 2007.
- Sirurmath, Sangayya S. Electronic Libraries (Prof. P Sadasivamurthy Festschrift). New Delhi: Allied Publisher, 2002.


**ML-105 and ML-205**


- Best, John W. and Khan, James. V. Research in Education. 9th Ed. New Delhi: Pearson Education, 2007.
- Busha, Charles. H. and Harter, Stephen P. Research Methods in Librarianship: Techniques and Interpretation. NewYork: Academic Press, 1980.
- Elhance, D. N. and Elhance, Veena. Fundamentals of Statistics. Allahabad: Kitab Mahal, 1996.
- Fowlwe, Floyed J. Jr. Survey Methods. 2nd Ed. Sage Publication, 1993.
- Garreti, Henery. E. Statistics in Psychology and Education. New Delhi: Surjeet Publication, 2006.
- Gaur, Ajani. S. and Gaur, Sanjaya. S. Statistical Method for Practice and Research: A guide to data analysis using SPSS. New Delhi: Sage Publication, 2006.
- Gorman, G. E. and Clayton, P. Qualitative Research for Information Professionals: A Practical Handbook.
- Goswami, M. Research Methodology in Library Science. New Delhi: Common Wealth Publications, 1995.
- Gupta, S. P. Statistical Methods, 30th Ed. New Delhi: S.Chand, 2001.
- Gupta, Santosh. Research Methodology: Methods and Techniques. 2nd Rev. Ed. New Delhi: Willey, 1990.
- Kothari, C. R. Research Methodology: Methods and Techniques. 2nd Revised Edition. New Delhi: New Age International Publishers, 2009.
- Krishna, Kumar. Research Methods and Information Science. New Delhi: Haranand Publication ,1999
- Kumar, P.S.G. A Student's Manual of Library and Information Science. New Delhi: B. R. Publishing House, 2002.

- Kumar, P.S.G. Research Methods and Statistical Techniques. New Delhi: B. R. Publishing House, 2004
- Kumar, Ranjit. Research Methodology: A step-by-step guide for beginners. New Delhi: Sage Publications, 1999.
- Lancaster, F. W. Bibliometric Methods in assessing productive and impact or research. Bangalore: Sarada Ranganathan Endowment for library science, 1991.
- Line, Maurice B. Library Surveys. 2nd Ed. London: Clive Bingley, 1982.
- Mahapatra, Gayatri. Bibliometric studies on library and information science literature. New Delhi: Ess-Ess, 1997.
- Panda, B. D. Research Methodology for Library Science. New Delhi: Anmol Publication, 1997.
- Ravichandra Rao, I. K. Quantitative Methods for Library and Information Science. New Delhi: Wiley Eastern Ltd, 1983.
- Ray, G. L. and Mondal, Sagar. Research Methods in Social Sciences and Extension Education. Calcutta: Naya Prokash, 1999.
- Reilly, Kevin D. The Delphi Technique: Fundamentals and applications. New Delhi: Commonwealth, 1995.
- Saravanavel, P. Methodology. 15th Ed. Allahabad: Kitab Mahal, 2003.
- Wilkinson, T. S. and Bhandarkar, P. L. Methodology and Techniques of Social Research. Bombay: Himalaya Publishing House, 1984.


**ML–106(A)**


- Carmell, Michael. (Ed). Medical Librarianship. London: Library Association, 1982.
- Chinnappa, S. L. Information retrieval methods in health science. Proceedings of the National Seminar on Health Science Libraries in India. Bangalore: 1980.
- Kaula, P. N. and et. al. (Ed) International and comparative Librarianship and Information Systems. New Delhi: B. R. Publishing Corporation, 1996.
- Kochar, Ved B. Development of Medical Library and Information Resources in India. 5th International Congress on Medical Librarianship, 1985.
- Krishan Kumar. Information needs and Information seeking Behaviour. National seminar on Health Information, 1990.
- Sasikala, C. Industrial Library Systems. New Delhi: Reliance Publishing House, 1994.
- Varalakshmi, R.S.R. Information Services in Medical College Libraries. New Delhi: Ess Ess Publications, 1993.
- Vickery, B. C. Information Systems. England: Butterworth and Company Limited, 1973.


**ML–106(B)**


- Alan Card, J. R. and Farrel, Lois. Guide to Agricultural and Biological Research. Beriveley: University of California, 1981.
- Association of Indian Universities. Handbook of Agricultural Education. New Delhi: AIU, 1986.
- Association of Indian Universities. Universities Handbook. New Delhi: AIU, 1985.
- Bannerjee, S. R. and Moitra, S. Agricultural Documentation Services in India. New Delhi: ICAR Library (Unpublished).
- Bose, P. C. AGRIS: International information system in Agricultural science and technology (In Gupta, B. M. and et. al. Handbook of Libraries, Archives and info cultures in India. V6. New Delhi: Info Resources Centre, 1988.
- Deshmukh, P. P. (Ed.) Information Systems for Agricultural Sciences and Technology. New Delhi: Metropolitan, 1987.
- Deshmukh, P. P. Indian Council of Agricultural Research (Delhi). Agricultural University Libraries on Committee, Final Report. New Delhi: ICAR, 1969.
- Deshmukh, P. P. Standardization of Library and Information Services with special reference to scientific and agricultural libraries. New Delhi: ABC, 1990.
- Dutta, S. Planning for an Agricultural information system in India.
- Gupta, S.R. Stock verification in Libraries: Problems and Solutions. Delhi: Ken Pub., 1990.

- Indian Council of Agricultural Research (New Delhi). Agricultural Universities (Review Committee) Report. New Delhi: ICAR, 1978.
- Khanna, J. K. handbook of Library and Info Systems and Services. Delhi: Beacon, 1996.
- Kumar, P. S. G. Agricultural Librarianship: MLISc. Elective paper. (Kumar curriculum series in Library & Information Science; 13). New Delhi: B. R. Publishing Corporation, 2008.
- Lilley, P. Information Sources in Agriculture and Food Science. London: Butter Worths, 1981.
- Maharashtra Government of Report of the Advisory Committee for Establishment of Agricultural University. Bombay: Govt. of Maharashtra, 1965.
- Ramtirth, Aris. Information System for Agriculture Science and Technology in perspective in Library and Information Science.1982.
- Sangameswaran, S. V. and Gopinath, M. V. Transfer of Post-harvest technologies etc. (in Kapoor, S. V. and others ed. National Seminar of IASLIC, 1980.
- Schmid, Helga. AGRIS: Database and Software development. (in Murthy, S. S. and et. al. Bibliographic databases and networks. New Delhi: Tata McGraw Hill, 1989.
- Subbaiah, R. Agricultural Librarianship in India: An overview. New Delhi: Metropolitan, 1988.
- Vashisth, C. P. International Info System in Agricultural Science and Technology (AGRIS) (in Agarwal D. S. Ed. Workshop on computer techniques information processing. Delhi.


**ML-206(A)**


- Cowley, John (Ed). The Management of Polytechnic Libraries. London (UK): Gower Publishing Company, Reprint 1987.
- Dhawan, S. M. and others. Shaping the future of special libraries beyond Boundaries. New Delhi: Ane books Pvt. Ltd., 2009.
- Gadgil, P. G. Industrial economy of India. Delhi: Eurasia, 1985.
- Gaur, Ramesh C. Reengineering Library and Information Services: Process people and technology. New Delhi: Allied Publisher Pvt. Ltd., 2003.
- Hirwade, Anil. Patent information services on Internet: An evaluation. Nagpur: Himalaya Publishing house, 2008
- Kumar, P. S. G. Business/Industrial Librarianship: MLISc. Elective paper. (Kumar curriculum serie0s in Library & Information Science; 14). New Delhi: B. R. Publishing Corporation, 2008.
- Lamb, J. P. Commercial and Technical libraries. London: George Allen and Unwin Ltd, 1955.
- Lancaster, F. W. Libraries and Librarians in an age of Electronics. Arlington: Information Resources Press, 1982.
- Sasikala, C. Industrial Library Systems. New Delhi: Reliance Publishing House, 1994.
- Sinha, Suresh C. and Dhiman, Anil K. Special Libraries: Research and Technical libraries. New Delhi: Ess-Ess Publication, 2002.
- Thakur, D. S. Scientific and Technical Libraries. New Delhi: Ess-Ess Publication, 2006.


**ML 206(B)**


- Theophilus Olakunle (2011) Dada Law Librarianship and Legal Research in the Digital age Lagos, Nigeria: Nigerian Institute of Advanced Legal Studies, ISBN: 978-978-8407-24-9.
- MacEllven, D.T., Campbell, N.A. and Davis, J.N. Legal Research Handbook, 6 th edition. LexisNexis Canada Inc., 2013.
- Demers, Annette L., ed. Legal Information Specialists: a Guide to Building and Launching your Career. LexisNexis Canada Inc., 2012.
- Bianchi, M, Draoli, M., Gambosi, G., Stilo, G. (2009) A Support System for the Analysis and the Management of Complex Ruling Documents, W. Abramowicz and D. Flejter (Eds.): BIS 2009 workshops, LNBIP 37, 292- 303
- Law Librarianship in the Digital Age (2013)Edited by Ellssa Kroski. Scrare Lanham, Md. : The Scarecrow Press.


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**APPENDIX-A**

AD-HOC COMMITTEE OF JOURNALISM AND MASS COMMUNICATION
RECCOMDATION, SEMESTER PATTERN (Credit and Grade System)
SYLLABUS, SCHEME OF EXAM FOR
M.A. JOURNALISM AND MASS COMMUNICATION
W.e.f. 2017-18

1. As per the Gazette of India, dt.5 July 2014, part 3/section 4, p 2987, regarding the specified degrees of the University Grants Commission, the nomenclature of degree MJMC be restructured as M.A. Journalism and Mass Communication.

2. There will be 4 theory periods for each theory and practical paper in a week per batch of 20 students. Total 20 clock hours has teaching per batch in a week.
3. The Examination in M.A. Journalism and Mass Communication for each semester will have 4 theory subjects and 1 practical subject. Each theory paper will have maximum 80 marks and 20 marks for internal assessment. And practical subject will have maximum 100 marks for practical exam. Minimum passing marks in each paper will be 40% and separate passing for theory, practical and internal.
4. Student will be allotted to appear in the Practical Examination with duly certified and completed practical record book signed by the teacher and Head of the Department.
5. Pattern of Exam. - Semester

**(A) Theory.**
There will be 4 papers for each semester. Duration of each paper will be 3 Hours.
Instruction – a) All questions are compulsory.
b) All questions carry equal marks.

**Notes –**
1. Number of questions to be set in each paper will be 5.
2. First 4 question from all four units and fifth question will be multiple choice question or very short answers question on all units.
3. Two long answer questions and two short answer questions to be set on four units.
4. For every question, long answer type or short answer type, there will be an alternate choice. However, there shall be no internal choice in the question.
5 In each very short answer type question there will be four sub questions with no internal choice.

**Distribution of Marks of Theory**

**(A) Theory Subjects :**

a) 64 Marks for descriptive type questions.
b) 16 Marks for Multiple choice questions / very short answer questions.

**(B) Practical Examination**

1. One practical exam on practical subject in each semester of 100 marks and three hours duration.
2 Practical examination in each semester will be conducted by Internal and External Examiners appointed by University.

**(C) Internal Assessment (20 Marks)**

1. Each subject will have internal assessment of 20 Marks except practical subject.
2. Head of the Department will monitor internal assessment of the student on the basis of Evaluation report from the concerned teacher/ teachers, under the supervision of the Principal of the college and will be done at the end of each semester.
3. Distribution of Internal assessment marks
4. Class attendance – 5. Unit test /Seminar /Assignments / Internship – 15.

## CERTIFICATE
## Department of Journalism and Mass Communication

Name of College ----------This is to certify that this practical record is original work done by Mr./Ms./Smt.----------Class----------Semester----------during the academic semester----------
He/She has submitted/not submitted the Assignment/Unit Test/Seminar/Study Tour/ Internship as permitted by S.G.B. Amravati University, Amravati.

Signature of the Teacher Signature of the Head of the Department
Signature of the External Examination

**Annexure-'A'**
**Scheme of Teaching & Examinations for Semester & Credits Pattern**
**M.A. Journalism and Mass Communication Semester-I**
**W.e.f. 2017-18**

| S.N. | Subject | Teaching Scheme | | | Examination Scheme | | | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. Marks | | | Min. Marks | | | |
| | **Theory** | Theory Credits | Pra./ Int. Ass. Credits | Total Credits | Durat-ion of Exam | Th. | Int. Ass. | Pra. | Th. | Int. Ass. | Pra. | |
| 1 | **Mass Media and Communication** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 2 | **Reporting** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 3 | **Editing** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 4 | **Radio Journalism** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| | **Practical** | | | | | | | | | | | |
| 5 | **Reporting and Editing** | - | 4 | 4 | 3 hrs. | - | - | 100 | - | - | 40 | 100 |
| | **Total** | **12** | **8** | **20** | | **320** | **80** | **100** | | | | **500** |

**M.A. Journalism and Mass Communication Semester-II**
**W.e.f. 2017-18**

| S.N. | Subject | Teaching Scheme | | | Examination Scheme | | | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. Marks | | | Min. Marks | | | |
| | **Theory** | Theory Credits | Pra./ Int. Ass. Credits | Total Credits | Durat-ion of Exam | Th. | Int. Ass. | Pra. | Th. | Int. Ass. | Pra. | |
| 1 | **Development of Media** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 2 | **Web Journalism** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 3 | **Advertising and Media** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 4 | **Advanced Photo journalism** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| | **Practical** | | | | | | | | | | | |
| 5 | **Development of Ad Material** | - | 4 | 4 | 3 hrs. | - | - | 100 | - | - | 40 | 100 |
| | **Total** | **12** | **8** | **20** | | **320** | **80** | **100** | | | | **500** |

**M.A. Journalism and Mass Communication Semester-III**
**W.e.f. 2018-19**

| S.N. | Subject | Teaching Scheme | | | Examination Scheme | | | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. Marks | | | Min. Marks | | | |
| | **Theory** | Theory Credits | Pra./ Int. Ass. Credits | Total Credits | Durat-ion of Exam | Th. | Int. Ass. | Pra. | Th. | Int. Ass. | Pra. | |
| 1 | **TV Journalism** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 2 | **Corporate Communication** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 3 | **Business Communication** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 4 | **International Communication** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| | **Practical** | | | | | | | | | | | |
| 5 | **Video TV Documentary or Short film** | - | 4 | 4 | 3 hrs. | - | - | 100 | - | - | 40 | 100 |
| | **Total** | **12** | **8** | **20** | | **320** | **80** | **100** | | | | **500** |

**M.A. Journalism and Mass Communication Semester-IV**
**W.e.f. 2018-19**

| S.N. | Subject | Teaching Scheme | | | Examination Scheme | | | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. Marks | | | Min. Marks | | | |
| | **Theory** | Theory Credits | Pra./ Int. Ass. Credits | Total Credits | Durat-ion of Exam | Th. | Int. Ass. | Pra. | Th. | Int. Ass. | Pra. | |
| 1 | **New Field of Journalism** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 2 | **Advertising and Marketing** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 3 | **Inter-Cultural Communication** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| 4 | **Mass Media Research** | 3 | 1 | 4 | 3 hrs. | 80 | 20 | - | 32 | 8 | - | 100 |
| | **Practical** | | | | | | | | | | | |
| 5 | **Research Project Report** | - | 4 | 4 | 3 hrs. | - | - | 100 | - | - | 40 | 100 |
| | **Total** | **12** | **8** | **20** | | **320** | **80** | **100** | | | | **500** |

## M.A. Journalism and Mass Communication
## THE REALM OF MASS COMMUNICATION

Mass Communication is arguably one of the most interesting and challenging fields today. The recent surge in communication has opened up a plethora of possibilities for those seeking a career in Mass Communication. Though Journalism is the mainstay of Mass Communication, there are numerous allied fields like Photography, Advertising, Public Relations, New Media, Development Communication, Radio Production and many more in which there are a variety of possible jobs that can be pursued. Communication has become an important tool to disseminate information and influence public opinion which is why it has emerged as a promising area to enter.

The objectives of the Mass Communication programme include the following :

1. To provide students with a balanced and broad-based training in the various fields of mass communication.
2. To provide sound, theoretical and practice-based education in the media-centered domains of mass communication.
3. To expose students to modern developments and technology in information gathering and dissemination through the mass media,
4. To evolve appropriate philosophies and policies for the operation and management of the country's communication sector.
5. To undertake research on a continuous basis into the state of our national communication media, and make the findings available to policy makers.

## Semester-I

### Paper-I
### Mass Media and Communication

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Journalism - Definition, Nature and Scope– Qualifications, Duties and Responsibilities of Journalists. Journalism as a profession. Characteristics of Mass Media: Newspaper, Magazine, Radio, TV, Cinema.

**Unit-II**

Communication - Definition, Nature and Scope of Communication — Kinds of Communication; Intra-personal, Inter-personal, Group and Mass Communication, Verbal and Non – verbal Communication.

**Unit-III**

Mass media & Mass Culture - Relation between Mass Media and Mass Culture and their development. Media as fourth pillar of democracy. Changing trends of Mass Communication under the process of globalization. Private and Public Media.

**Unit-IV**

Political Communication –Media and political relationship. Media as a source of new political power. Modernity and new political thought, Propaganda, publicity and public relations, Press and political leadership, Political communication in India: Emergency, rise of regional parties,

**Suggested Readings :**

1. Mass Communication – A Critical analysis – Keval J Kumar
2. Professional Journalism – M. V. Kamat
3. Theory and Practice of Journalism – B. N. Ahuja
4. Professional Journalist – John Hohenberg
5. Mass Communication – Wilbur Schram
6. Understanding Media – Marshall Mcluhan
7 जनसंवाद आणि जनमाध्यम:सैद्धांतिक संकल्पन- श्रीपाद भालचंद्र जोशी
8 जनसंवाद सिद्धांत – डॉ. वि.ल. धारुरकर.
9 पत्रकारिता शोध व बोध, विश्वक्रांती- डॉ. सुधीर गव्हाणे

**Internal Assessment (20 Marks)**

*****

### Paper-II
### Reporting

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Meaning and Nature of Reporting – Qualifications & duties of a Reporter, Basics of Reporting– Process of Accreditation from Central and State Governments.

**Unit-II**

News; Definition, Elements, Sources and Types – Lead and Body – Types of Lead, Structure of News – Format of News Writing.

**Unit-III**

Techniques of Reporting –Tools of News Gathering – Interview –Types and Techniques.

**Unit-IV**

Reporting Crime–Speech–Sports–Foreign–Accidents–Budget–development; Reporting Executive–Legislature–Judiciary; Investigative Reporting. Objectivity in Reporting–Advocacy Reporting, Ethics in Reporting.

**Suggested Readings :**

1. News Reporting – B.N. Ahuja and S.S. Chhabra
2. News Writing and Reporting – Mames MNeal and Suzanne S Brown
3. Investigative Reporting and Editing – P.N. Williams
4. Reporting for the Print Media–F. Fedler
5. Reporting – Mitchell V. Charnley
6. Depth Reporting – Neal Copple
7. Interpretive Reporting – D.D. Mach Dougal
8. Writing for the Mass Media – James Glen Stevall
9. Journalism–G.K. Puri
10. बातमीदाराचा जाहीरनामा – अनंत कोळमकर.
11. माध्यम- प्रकाश कुलकर्णी

**Internal Assessment (20 Marks)**

*****

## Paper-III
## Editing

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

News room Organization–Small, Medium and Big Daily – Editorial Staff Pattern; Roleand Functions of the Editor, Chief Sub-Editor, Sub-Editors, News Editors and Staff.

**Unit-II**

Principles of Editing–Rewriting different copies–Computer Editing–Style Sheet. Techniques of Headline Writing–News and Feature Headlines–types and Functions of Headlines.

**Unit-III**

Editorials–Function, Principles, Types; Letters to the Editor. Concept of Editorials–Need for Editorials–Traits of Editorial Writers–Editorial Writing And Techniques–Contents of Editorial Page and Op–edPage–Concept of Advertorial.

**Unit-IV**

Newspaper Design and Layout–Front and Inside Pages-Computer Page Makeup; Principle &Techniques of Page Makeup. Picture Editing and Caption Writing.

**Suggested Readings :**

1. News Editing – BruceII Westley
2. The Art of Editing–P.K. Baskette and JizSissors
3. The Sub-Editor's Companion – Michael Hides
4. The Simple Sub's Book – Lealie Sellers
5. The Techniques of Clear Writing–Robert Gunning
6. Handling Newspaper Text–Harold Evans
7. Newspaper Design – Harold Evans
8. News Headlines – Harold Evans
9. Elements of Newspaper Design – Ames
10.बातमीदाराचा जाहीरनामा – अनंत कोळमकर.

**Internal Assessment (20 Marks)**

*****

## Paper-IV
## Radio Journalism

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

History and evolution of radio; characteristics of the medium, Broadcasting and Narrow casting.

**Unit-II**

Introducing radio formats: radio talk, interview, radio drama, chat shows, phone-in/phone out programmes, running commentary, news bulletins, features, and documentaries; special abilities required for each format; writing for Radio.

**Unit-III**

Radio news - news-room management, news coverage, news formats, news presentation and structure and content of news bulletins. Role of radio broadcaster -announcer, disc jockey, radio host; 'on-air' techniques performance, art of interviewing, speed, breathing, emphasis and pitch.

**Unit-IV**

Radio Programme Production - Theory of Sound - frequency, spectrum: AM, FM, SW, Long Wave, Sound Formats. Recording software, sound effects, mixing and dubbing.Satellite Radio and Internet Radio.

**Suggested Readings :**

1. Sound Engineering Explained, 2nd Edition — Michael Talbot-Smith
2. Radio Production, 3rd Edition — Robert McLeish
3. Other Voices — VinodPavarala and Kanchan K. Malik

**Internal Assessment (20 Marks)**

*****

**Paper-V**
**Practical - Reporting and Editing**

Marks : 100

1. Writing of different 10 News items on the Topic Social, Political, Educational, Cultural, Agricultural, Law, Sports, Business, Science & Technology, Crime & Submission of file.
2. Practical exam of composing of four news items on computer (Marathi/English/Hindi)
3. Writing of Two articles on current socio-economic problems & one on politics.
4. Prepare dummy Front page of a Newspaper.
5. Practical & Viva-Voce shall be evaluated by an Internal &External Examiner.

*****

**Semester-II**
**Paper-I**
**Development of Media**

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Early communication systems in India. Traditional and Folk Media. Invention of printing press and paper. Pioneer news publications in Europe and USA. Early efforts to publish newspapers in different parts of India. Contribution of Raja Ram Mohan Roy, Lokmanya Tilak, Mahatma Gandhi and role of Indian press in Freedom Movement. Development and growth of English and Vernacular press in post-independence era. Role of press in social, political and economic development.

**Unit-II**

Development of radio as a medium of Mass Communication. Technological innovations. History of radio in India. Emergence of AIR. Birth of Prasar Bharati. Various Committees into Broadcasting (Chanda, Verghese, PC Joshi and Vardan committees).Commercial broadcasting.FM Radio. Community and Education Radio. Role of radio in development of rural India.

**Unit-III**

Development of television as a medium of mass Communication. Birth and evolution of television in India. DTH and cable Television in India. Impact of T.V. on Society. Birth of News Channels in India. Growth of Soaps and Reality Shows on Indian TV.

**Unit-IV**

Birth of Cinema in the World and in India. Film as an agent of social change in Independent India. Evolution of Parallel Cinema. Commercialization of Cinema in India.

**Suggested Readings :**

1. Indian Journalism–Nadig Krishnamurthy
2. History of Indian journalism–S. Natarajan
3. A History of the Press in India–S.Natarajan
4. Journalism in India –Rangaswami –Bhargava
5. History of Indian Press: Growth of newspapers in India–B.N. Ahuja

**Internal Assessment (20 Marks)**

*****

**Paper-II**
**Web Journalism**

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Basics of computers – Hardware and Software-Modem, Hard disk, CDROM, Control Panel, CPU, Internet Explore, Email-Search Engines; Google, Yahoo. Netscape and others.

**Unit-II**

Internet – History and Structure, Internet Explorer, Email-Search Engines; Google, Yahoo, HTML basics–Web Design and Web Development–Web Development Tools-Dreamweaver, Flash, Final Cut Pro, AVID-Publishing your own Webpage.

**Unit-III**

Online Journalism-Writing for the web - multimedia writing - World Wide Web writing-Applied interactive newspapers – cyber journalism – webcasting – information design.

**Unit-IV**

Blogging–Blogging software and Technique – The Public Sphere in the Internet Era-Emergence of Collaborative Citizen Journalism – Cyber Laws of India – Code of Ethics in Web Media.

**Suggested Readings :**

1. Producing for the Web (Media Skills) – JasonWhittaker, 2000.
2. Writing for Multimedia and the Web– A practical guide to content development for interactive media–Timothy Garrand.
3. The Digital Designer: 101 Graphic Design Projects for print, the web, multimedia, and motion graphics–Stephen Pite.
4. Absolute beginner's guide to computer basics – Michael Miller.
5. Discovering Computers 2007: A Gateway to Information, Complete–Gary B. Shelly, Thomas J. Cashman and Misty E. Vermaat.
6. Clear Blogging: How People blogging are changing the world and how you can join them – Bob Walsh.

**Internal Assessment (20 Marks)**

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## Paper-III
## Advertising and Media

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Advertising: Meaning, attributes, origin, developments, goals, history of Indian advertising, process of advertising, publicity versus propagandas versus sale promotion.

**Unit-II**

Role of advertising, advertising types, principles, steps in advertisement planning, advertising agency, function & role, selection of advertising & agency, parts of an advertisement, advertising ethics.

**Unit-III**

Advertising design & principles: Advertisement design, making of advertisement, background.

**Unit-IV**

Layout steps, function of layout, design & layout, types of design, principles of a good layout, appeal of an advertisement, principles of good advertisement and regulations of an advertisement. Role & effects of advertising : Negative & positive Effects, Advertising & society, Advertising & development, Role of advertising in national economy, Social/public advertising

**Suggested Readings :**

1. Advertising: Frank Jefkins
2. Advertising: James S. Norris
3. Brand Positioning: Subrato Sengupta
4. Effective Advertising: Marieke De Mooji
5. Creative Advertising: Theory and Practice: Gillian Dyor

**Internal Assessment (20 Marks)**

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## Paper-IV
## Advanced Photo Journalism

Marks Theory : 80
Int.Ass. : 20

**Unit-I**

Different Types of Photo Journalism
Spot news Photography, general news photography, street Photography.
Off- beat photography, documentary photography.

**Unit-II News Values for Pictures**

Photographs for Photo Features
Photo Stories
Photo Essays.

**Unit-III Developing Specializations in Different News Stories**

Human Interest, Sports, Art and Culture, Environment, Fashion, Food, Industry, Politics.
Characteristics and important elements of these different field.

**Unit-IV Magazines and publication**

Photography for specialized magazines
Publication
Techniques
Working in a newsroom
Co-ordination among photo Journalist.
Editorial and page design colleagues.
Various opportunities for young photo journalist outside newspaper journalism.

### Suggested Readings :

1. 100 Days in Photographs: *Pivotal Events that Changed the World*, Nick Yapp, National Geographic
2. Art and Print Production, NN Sarkar, Oxford University Press, New Delhi, 2009
3. Visual Communication and Photojournalism, PK Chandra, Swastik Publishers, New Delhi, 2007
4. Photojournalism and Today's News: *Creating Visual reality*, Loup Langton, Wiley-Blackwell, Sussex, 2009

### Internal Assessment (20 Marks)

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## Paper-V
## Practical –Development of Ad Material

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Max. Marks : 100

Each student need to design a broacher, invitation card, v-card, pamphlet for a brand product. Also student need to associate with an ad campaign under the guidance of internal supervisor.

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