
SEMESTER III

4Papers**Total 100 x 4 = 400 Marks****I. ABILITY ENHANCEMENT COURSE [ECGEO301A]: (Credits: Theory-05)**

Marks: 30 (MSE: 20Th. 1Hr + 5Attd. + 5Assign.) + 70 (ESE: 3Hrs)=100	Pass Marks (MSE:17 + ESE:28)=45
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Instruction to Question Setter:***Mid Semester Examination (MSE):***

There will be **two** groups of questions in written examinations of 20 marks. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type five** questions of five marks each, out of which any three are to be answered.

End Semester Examination (ESE):

There will be **two** groups of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of five questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type six** questions of fifteen marks each, out of which any four are to be answered.

Note: There may be subdivisions in each question asked in Theory Examinations

The Mid Semester Examination shall have three components. (a) Two Semester Internal Assessment Test (SIA) of 20 Marks each, (b) Class Attendance Score (CAS) of 5 marks and (c) Class Performance Score (CPS) of 5 marks. "**Better of Two**" shall be applicable for computation of marks for SIA.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd, 5 marks).

A. AGRICULTURE GEOGRAPHY**Theory: 60 Hours; Tutorial: 15 Hours****Unit 1:**

Nature and scope, Significance and development of agricultural geography, Approaches to the study of agricultural geography, Origin and dispersal of agriculture, Sources of agricultural data.

Unit 2:

Determinants of agricultural land use – Physical, economic, social and technological, Land holding and land tenure systems, Land reforms, Land use policy and planning, Cropping pattern, Intensity of cropping.

Unit 3:

Theories of agricultural location based on several multi dimensional factors, Von Thunen's model and its recent modifications, Whittlesey's classification of agricultural regions, Agro-climatic regions of India.

Unit 4:

Agriculture in India – Land use and shifting cropping pattern, New trends in Indian agriculture, Green Revolution, White Revolution, Blue Revolution, Problems of Indian agriculture, Agricultural Policy of India.

References:

- Mohammad Shafi (2006): Agricultural Geography, Dorling Kindessley (India) Pv. Ltd. New Delhi.
 - Negi. B.S. (2003) Indian Agriculture: problems, Progress & Prospects, Vikas publishing house Pvt. Ltd. S. Ansari Road, Daryagani, New Delhi-2.
 - Majid Hussain (2000): Agricultural Geography, Ed Anmol Publishing Pvt. Ltd. Ansari Road, Daryagani, New Delhi-2.
 - Shafi M. (1999): Agricultural Geography, Kedarnath Ram Nath, 132, College road, Meetat UP-1.
 - Singh & Dhillon (2000): Agriculture Geography, Prayag Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
 - Jasbir singh (2001): Agriculture geography, Prayog Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
 - Memonia CB (1998): Agriculture Problems in India: Prayog Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
 - Majid Husain (2007): Systematic Agricultural Geography, Rawat publications, Jawahar Nagar, Jaipur, New Delhi – 92.
 - Goh Cheng Leong & Gillian C. Morgan (2009): Human and Economic Geography, Oxford University Press, New Delhi, New York.
 - The Hindu Publications: 2005 to 2010; Survey of Indian Agriculture.
 - Tiwari, R.C., & Singh, B.N. (2015): Krishi Bhugol, Prawalika Publications, Allahabad
 - Singh, Indira (2007): Krishi Bhugol, Discovery Publishing Home, New Delhi.
 - Lesely Simon (Translated by Shyam Sundar Katore) (1989): Krishi Bhugol, Madhya Pradesh Hindi Granth Academy, Bhopal.
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OR**ABILITY ENHANCEMENT COURSE [ECGEO301B]: (Credits: Theory-05)**

Marks: 30 (MSE: 20Th. 1Hr + 5Attd. + 5Assign.) + 70 (ESE: 3Hrs)=100	Pass Marks (MSE:17 + ESE:28)=45
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Instruction to Question Setter:**Mid Semester Examination (MSE):**

There will be **two** groups of questions in written examinations of 20 marks. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type five** questions of five marks each, out of which any three are to be answered.

End Semester Examination (ESE):

There will be **two** groups of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of five questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type six** questions of fifteen marks each, out of which any four are to be answered.

Note: There may be subdivisions in each question asked in Theory Examinations

The Mid Semester Examination shall have three components. (a) Two Semester Internal Assessment Test (SIA) of 20 Marks each, (b) Class Attendance Score (CAS) of 5 marks and (c) Class Performance Score (CPS) of 5 marks. "**Better of Two**" shall be applicable for computation of marks for SIA.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

B. SETTLEMENT GEOGRAPHY**Theory: 60 Hours; Tutorial: 15 Hours****Unit 1:**

General Introduction, Evolution & Distribution of Settlements: Nature, Scope, Significance and Recent Trends in Settlement Geography. Evolution of Settlements in India: Emergence of Village Settlements, Origin and Growth of Towns; Basic and Non-Basic Concepts in Settlement formation. Distribution of Settlements, Spacing of Settlements-Application of Models of Christaller and Losch.

Unit 2:

The Functional classification of Settlements: Rural and Urban Settlements. Rural Settlements - Types of Rural Settlements, House Types, Morphology and Functions of Rural Settlements; Rural Service Centers and their Role in Urbanization Process. Indian Rural Settlements in Different Micro-Environmental Conditions: (a) Mountains (b) Desert Region (c) In the vicinity of Urban Centers.

Unit 3:

Urban Settlements - Classification of Urban Places: Non-Functional and Functional. Morphology of Indian Cities and Its Comparison with Western Cities; Functional Relations between Urban Settlements and their umlands.

Unit 4:

Theories in Settlement Geography – CBD, Centrifugal and centripetal forces theory, Urban Fringe, Urban structures theories. Rank size relationship. Settlement Geography of selected Indian Cities: Mumbai, Kolkata, Delhi, Chennai, Ranchi, Jamshedpur and Dhanbad.

References:

- Hudson, F. S. (1976) Geography of Settlements, Macdonald, London.
- Northam Ray, M. (1979). Urban Geography, John Wiley and Sons, New York.
- Ambrose, Peter, 1970: Concepts in Geography, Vol.-I, Settlement Pattern, Longman.
- Baskin, C., (Translator) 1996: Central Places in Southern Germany, Prentice-Hall Inc. Englewood Cliffs New Jersey.
- Haggett, Peter, Andrew D. Cliff and Allen Frey (Ed.) 1979: Locational Models Arnold Heinemann.
- King, Leslie, J., 1986: Central Place Theory, Saga Publications, New Delhi.

- Mayer, M. Harold and Clyde F. Kohn (Ed.) 1967 Readings in urban Geography, Central Book Depot, Allahabad.
 - Mitra, Asok, Mukherjee S and Bose, R., 1980: Indian Cities Abhinav Publications, New Delhi.
 - Nangia, Sudesh, 1976: Delhi Metropolitan Region, K.B. Publications, New Delhi.
 - Prakasa, Rao, V. L. S., 1992: Urbanisation in India: Spatial Dimensions, Concept Publishing Co., New Delhi.
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 - Singh, R. L. and Kashi Nath Singh (Ed.) 1975: Readings in Rural Settlement Geography, National Geographical Society of India, Varanasi.
 - Marya, S.D. (2011): Adhiwas Bhugol, Sharda Pustak Bhawan, Allahabad.
 - Tiwari, R.C. (2011) Adhiwas Bhugol, Prawalika Publications, Allahabad.
 - Singh, S. (2008): Adhiwas Bhugol, Vishwa Bharti Publications, Delhi.
 - Bansal, S.C. (2003): Adhiwas Evam Jansankhya Bhugol, Rastogi Publication, Meeruth.
 - Singh, Ramyag (2012): Adhiwas Bhugol, Rawat Publication, Jaipur.
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OR**ABILITY ENHANCEMENT COURSE****[ECGEO301C]:** (Credits: Theory-05)**Marks: 30 (MSE: 20Th. 1Hr + 5Attd. + 5Assign.) + 70 (ESE: 3Hrs)=100****Pass Marks (MSE:17 + ESE:28)=45****Instruction to Question Setter:****Mid Semester Examination (MSE):**

There will be **two** groups of questions in written examinations of 20 marks. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type five** questions of five marks each, out of which any three are to be answered.

End Semester Examination (ESE):

There will be **two** groups of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of five questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type six** questions of fifteen marks each, out of which any four are to be answered.

Note: There may be subdivisions in each question asked in Theory Examinations

The Mid Semester Examination shall have three components. (a) Two Semester Internal Assessment Test (SIA) of 20 Marks each, (b) Class Attendance Score (CAS) of 5 marks and (c) Class Performance Score (CPS) of 5 marks. "**Better of Two**" shall be applicable for computation of marks for SIA.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

C. TOURISM GEOGRAPHY**Theory: 60 Hours; Tutorial: 15 Hours****Unit 1:**

Definition, Nature, Scope and Extent, Concept of Tourism, Importance of Tourism, Relationship between Geography and Tourism, Ecotourism, Agro-tourism, Heritage tourism and Adventure tourism.

Unit 2:

Types of Tourism – Domestic and International Tourism, Adventure, Wildlife, Medical, Pilgrimage, Business, Leisure, Pleasure, and Cultural Tourisms, Tourists types – Local, National and International, Economic and socio- cultural impact of Tourism.

Unit 3:

Infrastructural approach for the development of Tourism – Mode of transportation, Govt. agencies, Guides, License, Hotels, Resorts, Youth Hostels, Home stays, Government policies for planning and promotion of Tourism in India. Prospects and planning of tourism in Jharkhand.

Unit 4:

Case Studies – Hill Station – Mount Abu, Shimla, Ooty, Beach Points – Kovalam, Goa and Marina Beach. Historical Centres – Mysore, Jaipur and Agra, Religious Centers – Puri, Shirdi and Tirupathi, Dams – Sardar Sarovar, Bhakra Nangal and Masanjore dam, National Parks – Gir National Park, Palamu Tiger Reserve, Betla, Nandan Kanan National Park, Bhubaneswar.

References:

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- Peace, D. G. (1987): Tourism To-Day: A geographical Analysis, Harlow, Longman
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- Singh, R. L. and Kashi Nath Singh (Ed.) 1975: Readings in Rural Settlement Geography, National Geographical Society of India, Varanasi.
- Kapoor, B.K. (2008) Paryatan Bhugol, Vishwa Bharti Publication, Delhi.