

*Institute for Excellence in Higher Education (IEHE), Bhopal*B.A. (HONOURS): **PART-I**Semester: **I**SUBJECT: **GEOGRAPHY**PAPER: **HONOURS-I****TITLE: Human Geography**Maximum Marks: **100**

Nature and scope of human geography: branches of human geography, concept of man-environment relationship, determinism and possibilism, Dichotomy in physical and human geography.

Division of mankind: Spatial distribution, physical and social profile of major racial and ethnic groups in the world and in India. Early economic activities of mankind: Food gathering, Hunting, Fishing and Shifting cultivation.

Human adaptation to the environment: Cold region - Eskimo; Hot region - Bushman, Bedouin, Plateau - Gonds, Masai, Mountain - Gujjars, Regions of recurrent floods, droughts and other natural hazards, Adaptation in modern society-agriculture and urban. Spatial pattern of population distribution, density and growth of world population. Determinants of world distribution of population patterns. The Indian scene.

Books Recommended:

1. Bergman, Edward E: *Human Geography: Culture, Connection and Landscape*; Prentice - Hall, New Jersey, 1995.
2. Carr, M: *Patterns, Process and Change in Human Geography*; Macmillan Education, London, 1987.
3. Fellman, J.L.: *Human Geography - Landscape of Human Activities*; Brown and Benchman, U.S.A., 1997.
4. Johnston, R.J. (ed): *Dictionary of Human Geography*; Blackwell, Oxford, 1994;
5. Michael, Kan; *New Patterns; Process and change in Human Geography*, Nelson, 1997.
6. Singh, K.N.: *People of India - An Introduction*; Seagull Books, 1992.
7. Spate O.H.K. and Learmonth: *India and Pakistan*; Methuen, London. 1968.
8. Majid Husain - *Human Geography* (English and Hindi)
9. Savindra Singh - *Human Geography*
10. Bruhnes - *Principle of Human Geography*
11. एस. डी. कौशिक : मानव भूगोल
12. डॉ. मामोरिया, चतुर्भुज मामोरिया : भूगोल-प्रथम वर्ष, साहित्य भवन, हॉस्पिटल रोड, आगरा
13. डॉ. दीपा जौहरी: कैलाश प्रकाशन, भोपाल: भूगोल-प्रथम वर्ष

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS): PART-I

Semester: I

SUBJECT: GEOGRAPHY

PAPER: HONOURS-II /SUBSIDIARY

TITLE: Introduction to Geography

Maximum Marks: 100

SYLLABUS

The nature of Geography: Objectives and relevance. Place of Geography in the classification of science. Geography and other disciplines, Geography as the study of environment: Man environment relationship: Environmental determinism, possibilism, neo-determinism. Dualism in geography: Systematic vs Regional, Physical vs Human.

Environment and Disaster Management:

Environment: Meaning & Elements, Environmental pollution – Meaning, Sources, Types (air and water pollution), Greenhouse effect, Global warming and Ozone depletion, National Forest policy of India

Ecosystem: Concept, structure and function. Circulation of matter in the Ecosystem (Hydrological, Carbon & Oxygen cycle)

Disaster Management: Meaning and concept, Difference between Hazards and disasters, Types of natural & man-made disasters, Types of hazards (Floods, Landslides, Cyclone, Tsunami). Disaster management - mitigation & preparedness.

Books Recommended:

1. Dikshit R.D., *The Arts, Science of Geography, Integrated Readings*. Prentice Hall of India, New Delhi, 1994.
2. Dikshit R.D., *Geographical thought – a Contextual History of Ideas*. Prentice Hall of India Pvt. Ltd 2000.
3. Dohrs, F.E. and Sommers, L.W. (Eds), *Introduction to Geography*, Thomas Y. Crowell Co., New York, 1967.
4. Hartshorne Richard: *Perspective on the nature of Geography*; Rand McKinley and co., Chicago, 1959.
5. Harvey David: *Explanation in Geography*; Edward- Arnold, London, 1972.
6. Hussain Majid: *Evolution of Geographical Thought*; Rawat Publications, Jaipur, 1984.
7. Jones P.A: *Field Work in Geography*; Longmans, 1968.
8. Savindra Singh – *Disaster Management*
9. Savindra Singh – *Geography of Environment* (Hindi and English)
10. Minstall, R.: *The Changing Nature of Geography*; Hutchinson University Library, London 1970.
11. Wooldridge S.W.: *The Geographer as Scientist*; Thomas Nelson and Sons Ltd, London 1956.
12. Geol S.L.: *Encyclopedia of Disaster Management*, 2001 Vol. 1, 2 and 3; Deep and Deep Publication, New Delhi.
13. Kapur A. 2010: *Vulnerable India - A Geographical Study of Disasters*; Sage Publication, New Delhi.
14. Keller E. A and Blodgett R.H., 2006: *Natural Hazards - Earth's Processes as Hazards*. Disaster and Catastrophe; Prentice Hall, New Jersey.
15. Singh R.B. (ed) 2006: *Natural Hazards and Disaster Management*; Vulnerability and Mitigation, Rawat Publications, New Delhi.
16. एस डी कौशिक – भौगोलिक चिंतन और विचारधाराए

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS): PART-I

Semester II

SUBJECT: GEOGRAPHY

PAPER: HONOURS-I

TITLE: Population Geography

Maximum Marks: 100

SYLLABUS

Nature and scope of Population Geography: Sources of data, distribution, Density and growth of world population, Determinants of world patterns, The Indian Scenario. Physical, economic and social factors affecting distribution. Concept of over population, Under population and Optimum population, Zero population growth.

Composition of population in India: Age and Sex, Rural-Urban, Economic Composition, Population explosion.

Migration: Classification, Determinants and consequences of migration, World regional patterns, Migration in India.

Population theories: Classical (Malthus) and Modern (Demographic transition) theory.

Population regions of India: Problems of over population of India and remedial measures
Population programmes and policy of India (According to five year plans).

Books Recommended:

1. Beaujeu Garnier, J., *Geography of Population* (translated by Beaver, S.H.) Longmans. London, 1996.
2. Census of India 2001 Series-I, *India Population Totals*, Published by registrar general and census commissioner, India 2001.
3. Chandna, R.C., *Geography of Population – Concepts, Determinants and Pattern*, Kalyani Publishers, New Delhi 2000.
4. Clark J.L., *Population Geography*, Permagon Press, New York, 1965.
5. Sundram K.V. & Nangia Sudesh (editors), *Population Geography*, Heritage Publishers, Delhi, 1986.
6. Peter: G.L. and Larklin R.P., *Population Geography, Problems, Concept and Prospects* Kendelehunt Iowa, 1979.
7. Srinivasan K. and M. Vlassoff, *Population Development Nexus in India: Challenges for the New Millennium*, Tata McGraw Hill Publishing Co. Ltd., New Delhi, 2001.
8. Trewartha G.T., *A Geography of Population: World Patterns*, John Wiley & Sons Inc New York, 1969.
9. UNDP: *Human Development Report*, Oxford University Press, 2001.
10. Zelinsky, W., *A Prologue to Population Geography*, Prentice Hall, Englewood Cliffs.

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A.(HONOURS): PART-I

Semester II

SUBJECT: GEOGRAPHY

PAPER: Honours-II/Subsidiary

THE: Physical Geography (Elementsof Geomorphology)

Maximum Marks: 100

SYLLABUS

The nature and scope of Physical Geography: Inter-relation of Physical Geography with other branches of Earth Science. The place of Geomorphology in Physical Geography. Geological time scale.

Earth's interior, Wegner's theory of Continental Drift, Plate Tectonics, Earth Movements – Orogenic and Eperiogenic. Isostasy, Earthquakes and Volcanoes.

Geomorphic agents and processes; Erosion, transportation and deposition. Mass wasting: Evolution of landscapes. Concept of cycle of erosion, Interruption of cycle of erosion. Fluvial, arid glacial, karst and coastal landscapes.

Books Recommended:

1. Dayal, P.: *A Text Book of Geomorphology*, Shukla Book Depot, Patna, 1996.
2. Dury, G.H.: *The Face of the Earth*, Penguins, 1980.
3. ICSSR: *A Survey of Research in Physical Geography*, Concept, New Delhi, 1983.
4. Kale V. and Gupta, A.: *Elements of Geomorphology*, Oxford University Press, Calcutta, 2001.
5. Monkhouse, F.J., *Principles of Physical Geography*, Hodder and Stoughton, London, 1960.
6. Sharma, H.S.: *Tropical Geomorphology*, Concept, New Delhi, 1987.
7. Singh, S.: *Geomorphology*, Prayag Pustakalaya, Allahabad, 1998.
8. Small, R.J.: *The Study of Landforms*, McGraw hill, New York, 1995.
9. Sparks, B.W.: *Geomorphology*, Longmans, London, 1960.
10. Steers, J.A.: *The Unstable Earth. Some Recent Views in Geography*, Kalyani Publishers, New Delhi, 1964.
11. Strahler, A.N.: *Environment Geo-Science*, Hamilton Publishing, Santa Barbara, 1973.
12. Strahler, A.N. and Strahler, A.H.: *Modern Physical Geography*, John Wiley & Sons, Revised edition 1992.

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS) PART-II

Semester: III

SUBJECT: GEOGRAPHY

PAPER: HONOURS-I

TITLE: Settlement Geography

Maximum Marks: 100

SYLLABUS

Settlement Geography: Nature, scope and content. Definition of urban and rural settlements. Origin and development of settlement.

Settlement Site and Structure: Urban and Rural internal morphology, functions and house-types of urban settlement.

Spatial Organization: Size, spacing and hierarchy of settlement, Central place theory of Christaller, Emergence and characteristics of urban settlements. Changing functions of rural & urban centres. Urbanization and Environment.

Settlement Pattern: Policies and Programmes. Contribution of Geographers in city planning.

Books Recommended:

1. Bose A.: *India's Urbanization, 1947-2000*, Tata McGraw Hill, New Delhi.
2. Carter H.: *The study of Urban Geography*, Edward Arnold, London, 1972.
3. Chisholm, M.: *Rural Settlement and Land Use*, Hutchinson, London, 1970.
4. Clout, R.D.: *Rural Geography*, Pergamon Press, London, 1970.
5. Dickinson, R.E city, *Region and Regionalism*; Kegan Paul, Trench. Trubner & Co. London, 1947.
6. Johnson, J.H., *Urban Geography: An Introductory Analysis*, Pergamon Press, London, 1967.
7. Krishan G.: *Nagriya Bhoogol*, Punjab State University, Text Book Board, Chandigarh (Punjab).
8. Mayer H. M. & Kohn, C.F (eds): *Reading in Urban Geography*, Chicago Printing Press, Chicago, 1967.
9. Misra, H.N (ed.); *Rural Geography*, Heritage Publishers, New Delhi, 1987.
10. Money, D.C.: *Pattern of Settlements*; Evan brothers, London, 1972.
11. Mukherji, R.K: *Man and His Habitation*; Popular Books, Bombay, 1968.
12. Nangia S: *Delhi Metropolitan Region*, Rajesh Publications, 1976.
13. Singh, R.L: *Reading in Rural Settlement Geography*, Banaras Hindu University, Department of Geography, Varanasi, 1972.
14. बंसल, सुरेश चन्द्र: *नगरीय भूगोल*, मीनाक्षी प्रकाशन, बेगम ब्रिज, मेरठ 1-4, अंसारी रोड, दरियागंज, नई दिल्ली।

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS): PART-II

Semester: III

SUBJECT: GEOGRAPHY

PAPER: HONOURS-II / SUBSIDIARY

TITLE: Climatology and Oceanography

Maximum Marks: 100

SYLLABUS

CLIMATOLOGY:

Climatology: Definition & significance of Climatology. Composition and structure of the Atmosphere.

Atmospheric temperature: Insolation, Factors affecting the distribution of Insolation. Atmospheric temperature. Factors affecting the distribution of temperature. Vertical and Horizontal distribution and inversion of temperature. Global heat budget.

Atmospheric Pressure and winds: Vertical and horizontal distribution of Pressure. Winds Planetary, Periodic and local winds, Jet streams

Atmospheric moisture: Humidity, Evaporation and Condensation, Hydrological cycle, types of Precipitation. World patterns of rainfall: regional and seasonal distribution. Air masses and Fronts: concept and classification.

Atmospheric disturbances: Tropical and Temperate cyclones.

Climatic classification: Koppen's classification. Role of climate in human life.

OCEANOGRAPHY:

Oceanography - Definition of Oceanography, its relevance in Earth & Atmospheric Sciences. Ocean floor Topography: Surface configuration of the ocean floor - Continental shelf, Continental Slope, Abyssal plain, Mid oceanic ridge & Trenches.

Distribution of Ocean Temperature and Salinity.

Oceanic movements: Waves, tides and currents. Currents of Atlantic, Indian & Pacific Ocean.

Coral Reefs: Types and theories of origin (subsidence theory of Darwin).

Books Recommended:

1. Barry R.G & Chorley, R.J.: *Atmosphere - Weather and Climate*, Rouledge, 1998.
2. Critchfield, H.: *General Climatology*, Prentice- Hall New York, 1975.
3. Das P.K.: *The Monsoons*; National book trust, New Delhi, 1968.
4. Lydolph, Paul, E: *The climate of the Earth*; Rowman and Allanheld, Totowa, N.J.1985.
5. Stringer, E.T.: *Foundation of Climatology*; Surjeet publications, Delhi, 1982.
6. Trewatha, G.T.: *An Introduction to Climate*, McGraw Hill, New York, 1980.
7. Grald, S: *General Oceanography - An Introduction*; John Wiley & Sons, New York, 1980.
8. Garrison, T: *Oceanography*; Wadsworth. Com. USA, 1998.
9. King, C.A.M.: *Oceanography for Geographers*; E. Arnold, London, 1975.
10. Sharma, R.C. & Vatel M.: *Oceanography for Geographer*, Chetnya Publishing House, Allahabad, 1970.
11. Shepard, F.P: *Submarine Geology*; Harper & sons, New York, 1948.
12. Weisberg, J. and Howard: *Introductory Oceanography*, McGraw-hill book Co. New York 1976.
13. डी एस लाल - जलवायु विज्ञान
14. अल्का गौतम - जलवायु और समुद्र विज्ञान
15. नेगी बलवीर सिंह - जलवायु और समुद्र विज्ञान

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A.(HONOURS): **PART-II**

Semester. IV

SUBJECT: GEOGRAPHY

PAPER: HONOURS-II/Subsidiary

TITLE: World Economic and Resource Geography

Maximum Marks: **100**

SYLLABUS

ECONOMIC GEOGRAPHY

Definition, Meaning, Nature and Scope of Economic Geography. Sectors of Economic activity: Primary, secondary, tertiary.

World distribution and production:

- (i) Agriculture – Wheat, Rice. Favourable Geographical conditions.
- (ii) Mining – Iron ore, Copper
- (iii) Power – Coal, Petroleum
- (iv) Industries – Iron & Steel, Textile, Factors affecting location of Industries.
- (v) Trade and Transport – Indian trade policy, factors affecting land and water transport, and major land and water routes.

RESOURCE:

Definition, Meaning, Classification of Resources – Renewable and non-renewable, Biotic (forests, wildlife) and Abiotic (land, water, minerals) resources.

Distribution and utilization: of Water, Forest and Fisheries, their economic significance and conservation.

Soil: Major types, distribution. Problem of erosion and conservation, Policies-Global and National.

Books Recommended:

1. Allen, J.L.: *Student Atlas of Environment Issues*; Dushkin Pub., 1997
2. Chandna, R.C.: *A Geography of Population: Concept, Determinants and Patterns*, Kalyani publishers, New Delhi, 1986
3. Global environment outlook. Earthscan, London, 2000
4. Hagget, Peter: *Geography- A modern synthesis*, Harper & Row publishers, New York, 1975
5. Liong G.C. and Nmorgen, G.C.: *Human and Economic Geography*, Oxford University Press, London, 1982
6. Sharma, H.S.: *Ravine Erosion in India*, Concept New Delhi, 1980
7. Sharma H.S. and Chattopadhyay, S.K.: *Sustainable Developments - Concepts and issues*, Concept, New Delhi, 2000
8. Hartshorne, T.N. & Alexander, J.W.: *Economic Geography*, Prentice Hall, New Delhi, 1988

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A.(HONOURS): PART-II

Semester IV

SUBJECT: GEOGRAPHY

PAPER: Honours-I

TITLE: Tourism and Cultural Geography

Maximum Marks: 100

SYLLABUS

Geography of Tourism

Concept of Tourism: Definition, Meaning, Factors affecting tourism: Natural, Historical, Socio-Cultural and Economic. **Tourism as an Industry.**

International and Domestic Tourism: **Recent trends.** Types of Tourism: Nature Tourism, Heritage Tourism, **Medical Tourism and others.**

Impact of Tourism: Positive and negative impact of tourism- Physical, **Socio-Economic,** Environmental. Environmental laws **Concept of Ecotourism.**

Tourism infrastructure: **Transport, Facilitations and Hospitality.**

Cultural Geography

Introduction: Definition, Meaning, Nature, Scope and Aims of Cultural Geography. History of Cultural Geography.

Cultural Changes: Perception, Behaviouralism and Cultural relativism. Main causes and impact of cultural changes. Concept of cultural environment (Water, Air, Noise, Social, Pollution and Human culture).

Recommended Books:

1. Bhardwaj, (eds.), *International Tourism: Issues and Challenges*, Kanishka, New Delhi
2. Bhatia, A.K. 1991 *International Tourism, Fundamentals and Practices*, Sterling Publisher, New Delhi
3. Boniface B.G. and Chris, C. 2005 *Worldwide Destination-The Geography of Travel and Tourism*, Elsevier Butterworth – Heinemann, Oxford
4. Dhar, P.N. 2006: *International Tourism: Emerging Challenges and Future Prospects*, Kanishka, New Delhi
5. Hall M. and Stephan, P. 2006 *Geography of Tourism and Recreation – Environment, Place and Space*, Routledge, London
6. Ahmad, Aijazuddin: *Social Geography*, Rawat Publication, New Delhi, 1999
7. De Blij, H.D.: *Human Geography*, John Wiley & Sons, New York
8. Dreze Jean, Amartya Sen, *Economic Development and Social Opportunity*, Oxford University Press, New Delhi, 1996
9. Rao, M.S.A.: *Urban Sociology in India*, Orient Longman, 1997
10. Smith, David: *Geography – A Welfare Approach*, Edward Arnold London, 1977
11. Abbashi, Prof A.A: *Geographical Basis of Tourism*, Penguin Publication, Sudama Nagar, Indore, M.P.
12. प्रसाद, ए.जी. सांस्कृतिक भूगोल, शारदा पुस्तक भवन, 11 यूनिवर्सिटी रोड, इलाहाबाद

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS): PART-III

Semester: V

SUBJECT: GEOGRAPHY

PART: HONOURS-I

THEIR: Remote Sensing and Geographical Information System (GIS)

Maximum Marks: 100

SYLLABUS

Remote Sensing: Meaning and Scope: Development of Remote sensing, relevance of remote sensing geographical studies, components and process of remote sensing, Sources of energy, energy interaction with atmosphere and earth surface, Remote sensing platforms and sensors.

Air Photos and Photogrammetry: Element of photographic system – types, scale and ground coverage, resolution.

Satellite Remote Sensing: Satellite Data acquisition, geometric and radiometric correction of data, satellite imagery, Interpretation of remote sensing Data, visual and digital interpretation techniques, Ground truth collection (survey).

Geography and Geographic information system: Definition and development of GIS, Elements of GIS, computer environment for GIS.

GIS data base: Integration of GIS with remote sensing and Global Positioning System (GPS).

Application of GIS: Application of GIS in the development of different types of information system. Land use, Land Cover, Urban Sprawl, Forest Monitoring, Environment planning, Resource & Disaster management and urban planning.

Books Recommended:

1. Barrett E.C and L.F. Curtis: Fundamentals of Remote sensing and Air photo interpretation, Mcmillan, New York, 1992.
2. Campbell J: Introduction to remote sensing; Guilford, New York, 1989.
3. Curran, Paul J: Principles of remote sensing; Longman, London, 1985.
4. Hord R.M: Digital Image processing of remotely sensed data; Academic, New York, 1989.
5. Luder D.: Aerial photography interpretation: Principles and application. McGraw Hill New York, 1959.
6. Rao D.P. (eds.) : Remote Sensing for Earth Resources; Association of Exploration Geophysicist, Hyderabad, 1998.
7. Thomas M. Lillesand and Ralph W. Kefer: Remote Sensing and image interpretation; John Wiley & sons, New York, 1994.
8. Fazal Shabhab: Remote sensing Basics; Kalyani Printings B15 sector.

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. (HONOURS): PART-III

SEMESTER V

SUBJECT: GEOGRAPHY

PAPER: HONOURS-II/SUBSIDIARY

TITLE: Geography of India with Special Reference to Madhya Pradesh

Maximum Marks: 100

SYLLABUS

India: Site and situation, land of diversities, Unity within diversity, Basic Geology- Physiographic regions, Drainage,

Climate: Mechanism of Indian Monsoon, climatic divisions, Bio-Diversity,

Soil and natural vegetation,

Agriculture: Main characteristics of agriculture and problems of Indian agriculture Green revolution. Major crops of India (wheat, rice, tea, cotton, sugarcane and soya bean) Agricultural regions and Agroclimatic regions of India. River valley projects.

Mineral and energy resources of India,

Major Industries of India: (Textile, Sugar, Iron & Steel, Cement, IT) Transport. International trade, Major Ports.

Geography of Madhya Pradesh: Physical division, Drainage, Soil, Forest, Minerals (Bauxite, Manganese, Iron copper, Mica) Major crops, (Wheat, cotton, soya bean), Power resources- River valley projects (Narmada valley). Industries (Cement, Cotton) and Small scale & Rural industries. Industrial Parks- Case study of - Mandideep, Pithampur and Maharajpura). Population (distribution, density) & Tribes.

Books Recommended:

1. Deshpande C.D.: India – A regional interpretation; Northern book center, New Delhi, 1992.
2. Govt. of India: India – Preference annual, 2001; Pub. Div, New Delhi, 2001.
3. Govt. of India: National Atlas of India; NATMO Publication, Calcutta.
4. Govt. of India: The Gazetteer of India. Vol I & III publication division, New Delhi, 1965
5. Mitra, A.: Level of regional development of India, Census of India, Vol I, part I –New Delhi, 1967.
6. Singh, R.L (ed): India: A regional Geography, National Geographical Society, India, Varanasi, 1971.
7. Spate, O.H.K and Learmonth, A.T.A. : India and Pakistan – Land people and economy, Methuen & Co., London, 1967.
8. Valdiya, K.S: Dynamic Himalaya, University press, Hyderabad, 1998.
9. Wadia, D.N.: Geology of India, McMillan & co. London, 1967.
10. मध्यप्रदेश का भूगोल: डॉ. प्रमिला कुमारी, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी भोपाल
11. भारत का भूगोल मध्यप्रदेश के विशेष संदर्भ में : डॉ श्री कलम शर्मा , मध्यप्रदेश हिन्दी ग्रन्थ अकादमी भोपाल

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A.(HONOURS): PART-III

Semester: VI

SUBJECT: GEOGRAPHY

PAPER: HONOURS-I

TITLE: **Bio and Health Geography**

Maximum Marks: 100

SYLLABUS

Bio-Geography

Definition, nature and scope of Bio-Geography. History of Bio-Geography. Biosphere: Hydrological and Nitrogen cycle. **Origin and evolution of life:** Origin of life, Theory of evolution. Extinct Animals and Plants, causes and solutions. **Biome:** Classifications of biomes. **Geographical distribution of animals and plants:** Zoo geographical and phytogeographical regions. Phytogeographical regions of India. **Conservation.** **Pollution:** Causes and control. Relevance and Economic importance of Bio-Geography.

Health Geography

Definition, nature and significance of Health Geography. Development of Health Geography its distinction from Health sciences. Geographical, pathological, environmental, social, cultural and economic factors responsible for causes of diseases and other ill-health conditions. **Pollution syndrome:** (Air, water, noise and light pollution borne diseases.) Causes and controls. Role of WHO on diseases and health.

Books Recommended

1. Banerji, B. & J. Hazra, *Geo – Ecology of Cholera in West Bengal*, University of Calcutta, 1980
2. Cliff, A & P. Haggett, *Atlas of Disease Distribution*, Basil Blackwell, Oxford, 1989
3. Hazra, J., (Editor), *Health Care Planning in Development Countries*, University of Calcutta, 1997
4. Howe, G.M.: *World Geography of Human Disease*, Academic Press, London, 1977
5. Learmonth, A.T.A., *Patterns of Disease and Hunger – A Study in Health Geography*
6. Learmonth, A.T.A., *Disease Ecology*, Great Britain, 1988
7. May, J.M., *Studies in Disease Ecology*, Hafner Pub., New York, 1961
8. May, J.M., *Ecology of Human Diseases*, M.D., Pub., New York, 1959
9. May J. Hie, *Old Atlas of Diseases*, National Book Trust, New Delhi, 1970
10. ICIShal R., *Health Geography*, Methuen, London, 1972
11. स्वास्थ्य भूगोल-कैलाशचौबे

Institute for Excellence in Higher Education (IEHE), Bhopal

B.A. HONOURS): **PART-III**

Semester: **VI**

SUBJECT: GEOGRAPHY

PAPER: Honours-II, Subsidiary

TITLE: Evolution of Geographic Thought

Maximum Marks: **100**

SYLLABUS

Development of Geographical thought in ancient period; Greek Arab, Roman geographers. Geographical knowledge in ancient India.

Contribution of various schools of thought in Modern Geography (19th Century) – German school – Ritter, Humboldt, Ratzel. French school – Vidal De La Blache, Jeans Bruhns. American school – Semple, Davis. British school – Herbertson, Mackinder. Important geographical thinkers of India.

Trends in Geography: Quantitative Revolution, Behaviouralism, Humanistic and Radical approaches in Geography. Post modernism. Changing concept of Geography in the 20th century. Methodological developments and changing Paradigms.

Books Recommended:

1. Hartshorne R., *Perspective on Nature of Geography*, Rand Mac Nally & Co., 1959
2. Husain, M., *Evolution of Geographical Thought*, Rawat Publication, Jaipur, 1984
3. Minshull, R., *The Changing Nature of Geography*, Hutchinson University Library London, 1970
4. Dikshit, R.D. (ed.), *The Art & Science of Geography Reading*, Prentice Hall of India, New Delhi, 1994
5. Taylor, G. (ed.), *Geography in Twentieth Century*, Methuen, London, 1951.
6. Wooldridge, S.W., *The Spirit & Purpose of Geography*, Hutchinson, London, 1955.
7. Mishra, H.N., *Research Methodology & Paradigma*.
8. Negi, Dr. B.S., *Geographical Thought*, Kedarnath Ramnath, Meerut and Delhi.
9. Dixit, R.D., *Evolution of Geographical Thought*.
10. कौशिक, एस.डी. : भौगोलिक विचारधाराएँ एवं विधि तंत्र, मेरठ।
11. जैन, एस.एस. : भौगोलिक चिंतन के एवं विधि तंत्र, संहित्य भवन, आगरा, 1987।
12. सिंह, जगदीश : भौगोलिक चिंतन के मूल आधार, ज्ञानोदय प्रकाशन, गोरखपुर।