

# Hemchandracharya North Gujarat University, Patan

## SYLLABUS FOR BA - GEOGRAPHY

SEMESTER III  
PAPER - III (F.S)  
PART - I  
ECONOMIC GEOGRAPHY

( With Effect From June- 2012 )

### Unit 1: The Field of Economic Geography

- Meaning and scope
- Approaches in economic geography: regional, systematic and sectoral

### Unit 2: Geography of Resource

- Concept of resources and resource classification; natural and human resources, renewable and non-renewable resource, biotic and abiotic resources; conservation of resources
- Distribution and production of resources in global context: Forests, Coal, Iron ore, Water

### Unit 3: Geography of Economic Activity

- Classification of economic activity
- Agriculture: physical and socio-economic factors influencing agriculture; types of agriculture; major food crops and cash crops, their distribution and production: Rice & wheat, Sugar cane, Tea, Cotton.

### Unit 4: Geography of Industrial

- Industry: Factors of industrial location, classification of industries, distribution and production of iron and steel, textile, petrochemicals.

- industrial development and environment Problems

### **Books Suggested**

1. Guha, J.L. and Chattoraj, P.R.: A New Approach to Economic Geography, The World Press Pvt. Ltd., Kolkata.
2. Alexander, J.W.: Economic Geography, Prentice Hall.
3. Leong, G.C. and Morgan, G.C.: Human and Economic Geography, Oxford University Press, New Delhi.
4. Roy, P. and Mukherjee, S.: Economic Geography – An Appraisal of Resources, Central Educational Enterprise, Kolkata.
5. Thoman, R.S. and Corbin, P.B.: The Geography of Economic Activity, McGraw Hill
6. Negi, B.S.: Geography of Resources, Kitab Mahal
7. Sadhukhan, S.K.: Economic Geography – An Appraisal of Resources, S. Chand and Company Ltd., New Delhi
8. Memoria, C.B.: Economic and Commercial Geography, Shivalal Agarwala and Company Educational Publishers, Agra
9. Hartshorne, T.A., Alexander, J.W.: Economic Geography, Printice Hall, Upper Saddle River, New Jersey
10. Das, M.M. : Arthanaitik Bhugol, G.U.
11. Gautam, Alka, 2010: Advanced Economic Geography, Sharda Pustak Bhawan, Allahabad
12. પ્રા.વી.જી. દલાલ, અર્થ શાસ્ત્રના સિંધ્યાત, યુનિ.ગ્રંથનિર્માણ બોર્ડ અમદાવાદ.

# SYLLABUS FOR BA - GEOGRAPHY

SEMESTER III

PAPER - IV (F.S)

PART - I

## POPULATION GEOGRAPHY

- UNIT – I Definition, Nature & Scope of Population Geography; sources of data.
- UNIT – II Spatial pattern of distribution – distribution, density and growth of population; determinants of world regional patterns.
- UNIT – III Composition of Population: Age and Sex composition; rural-urban composition, economic composition; determinants; world regional patterns.
- UNIT – IV Migration: Classification, determinants and consequences of migration; world regional patterns.
- UNIT – V Population and Environment interface: Cause-effect syndrome.

### Suggested Readings

1. Beaujeu-Garnier, J.: *Geography of Population* (Translated by Beaver, S.H.) Longmans, London, 1966.
2. *Census of India 2001 Series-I India Provisional Population Totals*. Published by Registrar General & Census Commissioner, India, 2001.
3. *Census of India, 1991 India: A State Profile* Published by office of the Registrar General of India, Census Operations, New Delhi.
4. Chandna, R.C.: *Geography of Population: Concepts, Determinants and Patterns*, Kalyani Publishers, New Delhi, 2000.
5. Clark J. *Population Geography*, Permagon Press, New York, 1965.
6. Sundram K. V. & Nangia Sudesh, (editors): *Population Geography*, Heritage Publishers, Delhi, 1986.

7. Peters: G.L. and Larkim R.P.: *Population Geography: Problems, Concepts and Prospects*  
Kendele-Hunt Iowa, 1979.
8. Srinivasan K. and M. Vlassoff *Population Development Nexus in India: Challenges for the  
Nnew Mmilleennium*. Tata McGraw Hill Publishing Co. Ltd. New Delhi 2001.
9. Trewartha, G.T.: *A Geography of Population: World Patterns*, John Wiley & Sons, Inc. New  
York, 1969.
10. Trewartha, G.T.: *The More Developed Realm: A Geography of its Population*, Pergamon  
Press, Oxford, 1978.
11. Trewartha, G.T.: *The Less Developed Realm-A Population Geography*, McGraw-Hill, New  
York, 1972.
12. UNDP: *Human Development Report*, Oxford University Press 2001.
13. Zelinsky, W.: *A Prologue to Population Geography*, Prentice-Hall, Englewood Cliffs, 1966.
14. પ્રા.વી.જી. દલાલ, અર્થ શાસ્ત્રના સિંધ્ધાત, યુનિ.ગ્રંથનિર્માણ બોર્ડ અમદાવાદ.
15. .ડા. મંજુલાબેન દવે, વસ્તી વિષયક ભૂગોળ ; યુનિ.ગ્રંથનિર્માણ બોર્ડ અમદાવાદ.

# SYLLABUS FOR BA - GEOGRAPHY

SEMESTER III  
PAPER – VII (S.S.)  
PART – 1

## FUNDAMENTAL CONCEPTS IN GEOGRAPHY-I

UNIT- I The nature of geography, objectives and scope. Place of geography in the classification of sciences. Geography and other disciplines.

UNIT-II The physical Dimension in Geography; The Universe the solar system, Earth as an Unique planet, phases of moon.

UNIT-III Geography as the study of environment, man-environment relationship, ecology and ecosystems.

UNIT- IV Environmental determinism, possibilism, neo-determinism. Dualism in geography- systematic/regional. Physical/human.

### **Suggested Readings-**

1. Abler, Ronald, F. et al *Geography's Inner Worlds : Pervasive themes in contemporary American Geography*, Routledge New Jersey, 1992.
2. Dikshit, R. D. *The Arts, Science of Geography Integrated Readings*, Prentice Hall of India, New Delhi, 1994.
3. Dikshit, R. D. *Geographical Thought- A Contextual History of Ideas*, Printice Hall of India Pvt Ltd, 2000.
4. Dohrs, F.E. and Sommers, L.W. (eds) *Introduction to Geography*, Thomas Y. Crowell Co. New York, 1967.
5. Hortshorne, Richard, *Perspective on the Nature of Geography*, Rand McNally and Co. Chicogo, 1959.

6. Husain, Majid , *Evolution of Geographical Thought*, Rawat Publications Jaipur, 1984.
7. James, P.E. *All Possible Worlds : A History of Geographical Ideas*, Sachin Publication, Jaipur, 1980.
8. Johnston, R.J. and Claval, P. (eds) *Geography since the Second World War*, Croom Helm, London/ Bernes and Noble, N. J., 1984.
9. Jones, P.A. *Fieldwork in Geography*, Longmans, 1958.

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## SYLLABUS FOR BA - GEOGRAPHY

SEMESTER IV  
PAPER - III (F.S)  
PART - II  
GEOGRAPHY OF ASIA

With Effect From June - 2012

UNIT – I Structure, relief, climate and soils.

UNIT – II Forests, Distribution and Production of Mineral and Energy Resources (Iron ore, Coal and Petroleum)

UNIT – III Major Crops; Rice Wheat, Rubber Tea, Jute.

UNIT – IV Industries of Asia- Localization, development & production (Iron & Steel, Cotton textile, Heavy Engineering Industries).

UNIT – V Detailed study of the following regions of Asia: Equatorial Region, Prairie Region, Hot Desert Region, and Mediterranean Coastal Region.

### **Suggested Readings**

1. Stamp, L.D. – *Asia: A Regional and Economic Geography* Methuen & Co, Ltd, London.
2. Keane, A.H. – *Encyclopedia of Asia*, Discovery Publishing House, New Delhi, 1997. Vol. I & II
3. Farmer, B. H. – *An Introduction to South Asia*, Methuen, London
4. Shafi, M. – *Geography of South Asia*, McMillan & Co. Calcutta.

# SYLLABUS FOR BA - GEOGRAPHY

SEMESTER IV

PAPER - IV (F.S)

PART - II

## GEOGRAPHY OF ENVIRONMENT

UNIT – I Meaning, nature and components of environment. Classification of environment: Natural and Human.

UNIT – II Man environment interrelations with respect to population size, types of economy and technology.

UNIT – III Exploitation of natural resources and environmental hazards.

UNIT – IV Emerging environmental issues, deforestation, global warming, conservation of biodiversity.

UNIT – V Environmental Pollution-Land, water and air pollution environmental management.

### **Suggested Readings**

1. Agarwal, A. et.al : *The Citizen's Fifth Report*. Centre for Science & Environment, New Dehli, 1999.
2. Alexander, John, W.: *Economic Geography*, Prentice Hall of India Ltd. New Dehli, 1988.
3. Allen, J.L. ; *Student Atlas of Environmental Issues*, Dushkin Pub., 1997.



4. Brown, L.R. : *In the Human Interest*, East-West Press, New Delhi, 1976.
5. Chandna, R.C.: *A Geography of Population: Concepts, Determinants and Patterns*, Kalyani Publishers, New Dehli, 1986.
6. Cutter, L., Renwick, H.L.: *Exploitation, Conservation and Preservation: A Geographic Perspective and Natural Resources Use*, Rowman and Allanheld, Totowa, N.J., 1985.
7. *Global Environment Outlook*. Earthscan., London, 2000.
8. Hagget, Peter: *Geography- A Modern Synthesis*, Harper & Row Publishers, New York, 1975.
9. Janaki, V.A.: *Economic Geography*, Concept Publishing Co., New Delhi, 1985.
10. Liong G.C. and Nmorgen, G.C.: *Human & Economic Geography* Oxford University Press, London, 1982.
11. Reid, D: *Sustainable Development*, Earthscan Pub. London, 1995.
12. Sharma, H.S.: *Ravine Erosion in India*, Concept New Delhi, 1980.

13. Sharma, H.S. and Chattopadhyay, S.K.: *Sustainable Developments-Concepts and Issues*; Concept, New Delhi, 2000.
14. Simmons, I.G.: *The Ecology of Natural Resources* Edward Arnold, London, 1974.
15. UNESCO: *Use and Conservation of the Biosphere*, Paris, 1970.
16. Zelinsky, W. : *A Prologue to Population Geography*, Prentice Hall, Inc., Englewood Cliffs, N.J., 1966.

# SYLLABUS FOR BA - GEOGRAPHY

## SEMESTER IV

### PAPER - VII (S.S.)

#### PART - II

#### FUNDAMENTAL CONCEPTS IN GEOGRAPHY-II

1. Development of Geographical Thought Contributions of different scholars: Herodotus, Ptolemy, Al- Masudi, Immanuel Kant, Friedrich Ratzel, Ellsworth Huntington.
2. Concepts in Physical Geography
  1. Davis cycle of erosion
  2. Climate change: External and Internal causes
  3. Causes and consequences of sea level changes
  4. Weather forecasting
3. Concepts in Human Geography  
Human adaptations to the environment, Eskimos, Bushman, Pigmy, Gond, Masai & Naga  
Concept of Nation State Frontiers and Boundaries.
4. Modern theme in Geography
  1. Recent Trends in Geography
  2. Applied geography, Sustainable Development and Globalisation
  3. Career Opportunities for Geographers.

#### Reference Books:

1. Coffey, W. J. (1981): Geography: Towards a general spatial systems approach, Methuen, London.

2. Dixit R. D. (1997): Geographical Thought- A contextual history of ideas, Prentice-Hall of India, New Delhi
3. Frazier, J. W. (1982): Applied Geography, Prentice Hall, Englewood Cliffs
4. Hartshorn, R. (1959) Perspectives on Nature of Geography, Rand McNally and Co.
5. Husain, M. (1995): Evolution of Geographical Thought. Rawat Pub. Jaipur
6. Husain, M. (1995): Models in Geography. Rawat Pub. Jaipur
7. Knowles P and Wareing J: Economic and Social Geography, Rupa Publication
8. Lillesand T.M. and Kiefer R.W. (2002), Remote Sensing and Image Interpretation, John Wiley and Sons, New Delhi.
9. P. A. Burrough and R. A. McDonnell, Principles of Geographical Information System, 2000, Oxford University Press.
10. Smith, David, M, (1971): "Industrial Location- An Economic Geographical Analysis", John Wiley and Son, New York.



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