

## **B.A./B.Sc. Part II Geography**

The courses shall be effective from the examination of 2009.

The examination shall comprise two theory papers and one practical examinations. The division of marks shall be as follows:

Paper I: Regional Geography of world: 50 marks (3 hours duration)

Paper II: Geography of India (3 hours duration): 50 marks.

Practical: 50 marks (6 hours duration in two parts)

Candidates are required to pass separately both in theory and in practical examinations.

Practical examination shall be conducted by two internal and one external examiners.

### **Paper I: Regional Geography of World**

(Time 3 hours, Maximum Marks 50)

The question paper will consist of 9 questions. The candidate will be required to attempt five questions in all. Question nos. 1 will be compulsory and short note type consisting of two topics from each unit of which only five are to attempt. The remaining eight questions will be from the four units- two from each unit. The candidate will be required to attempt one question from each unit.

#### **UNIT I**

Concept of region in geography; systematic vs regional geography, types and classification of regions (formal and functional), criteria of delimitation and characteristics of natural, cultural, economic and political regions.

#### **UNIT II**

**Asia** in the context of world; structure; relief; drainage; climate; natural vegetation and soils; spatial distribution of population; economic base; Regional studies of south, south –east, east and west Asia.

#### **UNIT III**

**Europe:** Physical, economic and demographic characteristics; Regional studies of British Isles, Eastern, Western and Mediterranean realm.

#### **UNIT IV**

**North /South America and Australia:** Physical, economic and demographic set up; Regional studies of USA, Canada, Brazil and Australia.

#### **Books Recommended:**

1. R.Hartshorne : Perspective on Nature of Geography.
2. R.Minshull : Regional Geography - Theory and Practice.
3. G.B.Cressey : Asia's Land and People.
4. W.G.Lant, O.H.K.Spate and C.Fisher : Changing map of Asia.
5. N.Ginsberg (ed.) : The Pattern of Asia.
6. J Kole:A Geography of the World's Major Regions,Routledge,London,1996..
7. H.J.Debljij: Geography:Regions and Concepts,John Wiley,New York ,1994
8. R.H.Jakson & L.E.Hudman:World Regional Geography :Issues for Today,John Wiley New York,1991.
9. G.H.Minshull: Western Europe, odd ard & Stoughton,NY.1984.
10. J.H.Patterson: Geography of Canada and the United States, Oxford University Press, 1985.
11. J.P.Kole: Latin America-Economic and Social Geography, Poutterworth, USA,1975
12. S.P.Dickonson et al: The Geography of the Third World, Routledge, London, 1996

13. P.Gourow: The Terrified World: Longman, London,1980
14. P.W.Ward & A Miller World Regional Geography: A Question of Place John Willey, NY,1989

### **Paper II: Geography of India**

(Time 3 hours, Maximum Marks 50)

The question paper will consist of 9 questions .The candidate will be required to attempt five questions in all. Question nos. 1 will be compulsory and short note type consisting of two topics from each unit of which only five are to attempt. The remaining eight questions will be from the four units- two from each unit. The candidate will be required to attempt one question from each unit.

#### **UNIT I**

Structure, relief and drainage; climate, origin of monsoon, droughts and floods, climatic classification by Koppen and Thornthwaite; soil types and distribution; soil erosion and conservation; forests - types and their economic utilization.

#### **UNIT II**

Major minerals (iron ore, mica, Copper, manganese, bauxite and atomic minerals) - distribution, production and utilization; distribution and production of coal, mineral oil and hydel power; irrigation, agriculture - trends and problems, dry land agriculture, agricultural regions, green and white revolution and agro-climatic regions.

#### **UNIT III**

Industrial growth and development; industrial localization with reference to iron and steel, cotton textile, sugar, cement and chemical, and paper industries, Industrial regions; population - density, distribution and growth trends and problems; road, rail and air transport; inland waterways, foreign trade.

#### **UNIT IV**

Trends of Urbanization, urban problems, urban slums, urban policy, regional disparities in economic development, planning regions, multi-level planning bases of India federalism, Environmental pollution in India, Geography of Uttar Pradesh.

#### **Books Recommended:**

1. R.L.Singh (ed.) : India : A Regional Geography, NGSI, B.H.U., Varanasi 1971.
2. T.C.Sharma and O.Coutinho: Economic and Commercial Geography of India.
3. B.N.Sinha : Industrial Geography of India.
4. O.H.K.Spate and A.T.A.Learmonth : India and Pakistan.
5. D.N.Wadia : Geology of India.
6. R.C.Tiwari,Geography of India,Prayag Pustak Bhawan,Allahabad.
7. D.R.Khullar : India : A Comprehensive Geography, Kalyani Publishers, Ludhiana.
8. India Reference Annual 2006,Publication Division ,Govt. of India,New Delhi
9. Ram Chandra Tiwari:Bharat Ka Bhoogol ,Prayag Pustak Bhawan,Allahabad
10. C.B.Mamoria:Bharat ka Bhoogol ,Sahitya Bhawan,Agra
11. Alka Gautam:Bharat Ka Bhoogol Sharda Pustak Bhawan,Allahabad
12. Bharat 2006:Publication Division, Bharat Sarkar,New Delhi

#### **PRACTICALS**

Division of marks in practicals are as follows:

Cartographic and laboratory work	30 marks
Field Work (Surveying)	10 marks

Viva-Voce Test

05 marks

Sessional Record Work

05 marks

*Note:* Cartographic laboratory work and field work examinations will be of 3 hours duration in each case.

The courses of practicals are arranged in three sections (A, B and C). The candidate has to attempt 3 questions from sections A and B of cartographic laboratory work selecting atleast one question from each section.

Valuation of sessional exercises presented by the candidates.

**Books Recommended:**

1. R.P.Misra and A.Ramesh : Fundamentals of Cartography, Mc Millan & Co. New Delhi.
2. F.J.Monkhouse and H.R.Wilkinson : Maps and Diagrams, Methuen and Co.
3. A.W.Robinson et.al. : Elements of Cartography, John Wiley and Sons,U.S.A.
4. T.P.Kanitker and S.V.Kulkarni : Surveying and Levelling, Part I, AVA Prakashan.
5. J.P.Sharma:Prayogatmak Bhoogol ,Rastogi & Co.,Meerut
6. R.L.Singh:Prayogatmak Bhoogol ke Tatwa,Tara Prakashan,Varanasi
7. L.R.Singh:Manchitra Kala Tatha Prayogatmak Bhoogol,Central Book Depot,Allahabad
8. R.C.Tiwari evm Sudhaker Tripathi:Abhinav Prayogatmak Bhoogol,Prayag Pustak Bhawan,Allahabad.
9. S.K.Pal: Statistics for Geoscientists-Techniques and Applications, Concept,New Delhi,1998
10. L.R.Singh:Practical Geography,Sharda Pustak Bhawan,Allahabad.
11. R.L.Singh: Elements of Practical Geography, Kalyani Publishers, New Delhi.