

GEOGRAPHY (HONOURS)

Paper I

Physical Geography

Time - 3 hours

Full Marks - 75

The course has been divided into five units. There shall be ten questions of which two questions shall be set from each unit. The examinees shall be required to answer five questions, selecting three from Section A and two from Section B.

Section A

- Unit-1 Origin of the solar system, Internal structure of the earth, Pratt's and Airy's views on Isostasy.
- Unit-2 Kober's and Holmes' views on mountain building Wegener's view on continental drift. Plate tectonics, Folded and Faulted Topography.
- Unit-3 Normal Cycle of Erosion, Topography resulting from wind and glacial action. Karst topography, Volcanic topography.

Section B

- Unit-4 Composition and structure of atmosphere, Classification of Airmasses and fronts, Koeppen's and Thornthwaite's Scheme of Classification of Climate.
- Unit-5 Salinity of Ocean water, Features and formation of Continental Shelf, slope and deep-sea plain, Relief of the Indian and Atlantic Ocean floor, Ocean deposits, Coral Reefs.

Books Recommended

1. Physical Basis of Geography *by* Wooldridge & Mogan
2. Unstable Earth *by* Steers
3. Principles of Geomorphology *by* Thornbury
4. Principles of Physical Geology *by* Holmes
5. Geomorphology *by* Sparks
6. Geomorphology *by* Worcester
7. Climatology *by* Miller
8. Climatology *by* Blair
9. General Climatology *by* Critchfield
10. Submarine Geology *by* Shepard
11. Marine Geology *by* Kuenen
12. Oceanography for Geographers *by* Sharma & Vatal
13. Bhautik Bhugol (Hindi) *by* Dayal

14. Bhu Akriti Vigyan (Hindi) by Sabindra Singh
 15. Bhautik Bhugol (Hindi) by C.B.Mamoria
 16. Climatology and Oceanography (Hindi) by Balbir Singh Negi

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Paper II

Asia : Regional Study

Time - 3 hours

Full Marks - 75

The course has been divided into five units. There shall be ten questions of which two questions shall be set from each unit. The examinees shall be required to answer five questions, selecting two from Section A and three from Section B.

Section A

- Unit-1 Asia-Physiography, structure, climate and natural vegetation.
 Unit-2 Asia-Mineral and power Resources, Population and its problems, Agro-climatic regions.

Section B

- Unit-3 China-Physical regions, Agriculture, Minerals, Industrial Development, Population.
 Unit-4 Japan-Agriculture and Fisheries, Industrial Development and Industrial Regions, Population.
 Unit-5 Relief, Climate, Agriculture, Industry and Population of Nepal, Bangladesh, Pakistan and Sri Lanka.

Books Recommended

1. Asia (Hindi & English) by L.D.Stamp
2. Asia's Lands and People (Hindi & English) by Cressey
3. Pattern of Asia by Ginnsberg
4. Monsoon Lands by Robinson
5. Monsoon Asia by Dobby
6. Monsoon Asia (Hindi) by Kashi Nath Singh et al
7. Asia ka Pradeshik Bhugol (Hindi) by Mamoria & Agrawal

GEOGRAPHY (HONOURS)

Practical

Time - 3 hours

Full Marks - 50

The course has been divided into four units. There shall be four questions, one from each unit and the examinees shall be required to answer all questions.

- Unit-1 Enlargement and reduction of Maps-Cartograms-Bar, Pie and Dot, Bandgraph
 15marks.

Unit-2 Interpretation of Topographical Maps and Weather Maps. 10 marks.

Unit-3 Projections-Cylindrical equidistant and equal area, Zenithal equidistant and equal area, Simple Conical with one and two standard parallels. 15 marks.

Unit-4 Record of Practical Work and Viva-voce 10 marks

Books Recommended :

1. Elements of Practical Geography by Singh & Dutta
2. Practical Geography by Singh & Kanaujia
3. Prayogik Bhugol (Hindi) by Jagdish Singh & Others
4. Ganitik Bhugol Pt. I and II (Hindi) by D.D.P.Satpathi
5. Maps & Diagrams by Monkhouse & Wilkinson
6. Mathematical Geography Vol. I & II. by Jameson and Ormsby
7. Principles of Cartography by Raisz