

MAOADH UNIVI•:ksrr\'
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COURSES OF STUDIES

For

B. A. I, 1st Year, Hou./Gea./Iaba.

IN GEOGRAPHY

Price. Rs 10/-

SYLLABUS

THREE YEAR DEGREE COURSE GEOGRAPHY HONOURS & SUBSIDIARY FIRST YEAR HONOURS COURSE (200 MARKS)

B.A. – I (Honours)

Paper – I Physical Geography

75 Marks

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 *one* from each unit. The examination shall be of three hours duration and shall carry 75 marks.

UNIT – 1:-

Nature and scope of Physical Geography; Interrelation of Physical Geography with other branches of Earth Sciences; Origin of the Solar system, Geological timescale; Rocks- Origin and Classification of Rocks, the Rock cycle..

UNIT – 2:-

Origin & classification of Earth movements; Landforms; Volcanoes & Earth quakes; Theory of Isostasy; Wegener's views on Continental Drift; Mountain-building Theories of Kober and Holmes; Plate Tectonics.

UNIT – 3:-

Geomorphic Processes: Agents of Denudation and Weathering; Mass wasting and Landslides; Fluvial, Wind, Glacial, and Karst topography; Normal Cycle of Erosion; Drainage system- its development, patterns and classification.

UNIT – 4:-

Composition and Structure of the Atmosphere; Global Energy Budget; Atmospheric Pressure and Circulations; Winds and its types, Hadley's tri-cellular theory, Monsoons and Jet streams, Land and sea breeze, local winds; Humidity & Precipitation, clouds; Air Masses and Fronts; Cyclones and Anticyclones; Thornthwaite's classification of climate.

UNIT – 5:-

Relevance of Oceanography; Ocean floor configurations: Continental Shelf, Slope, and Deeps; Bottom Relief of the Indian and Atlantic Ocean; Temperature; Salinity; Waves, Tides and Ocean currents; Tsunamis; Ocean Deposits; Coral reefs; Coastal Environment, Ocean as a storehouse of future resource.

Books recommended:-

- P. Dayal - Physical Geography.
- E. Ahmed - Physical Geography.
- Savindra Singh - Physical Geography.
- C. B. Mamma - Physical Geography.
- D. S. Lal - Climatology.
- D. S. Lal - Oceanography.
- Sharma and Vatal - Oceanography for Geographers
- Critchfield - General Climatology.
- Khullar - Physical Geography

Paper – II (A)
Asia: Regional Study

75 Marks

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 one from each unit under Section A and Section B. The examination shall be of three hours duration and shall carry 75 marks.

SECTION A

UNIT-1 :-

Asia- Physiography; Structure; Climate; and Natural Vegetation; Soil; Geographical importance of Asia.

UNIT-2:-

Asia - Agro-climatic regions; Mineral and power resources; Population and its problems.

SECTION B

UNIT – 3 :-

China - Physical regions; Agriculture; Mineral resources; Industrial development and major industries: Iron and Steel, Petrochemical and Consumer industries; Population growth and distribution; Urbanization.

UNIT – 4 :-

Japan – Physical regions; Agriculture and Fisheries; Industrial development and Industrial Regions, Population growth and distribution; Urbanization.

UNIT – 5 :-

Geographical account of Nepal, Bangladesh, Pakistan, Sri-Lanka, Bhutan, Myanmar.

Books Recommended:-

- George B. Cressey – Asia: Land & its People
- C. B. Marmora – Asia
- C. S. Ghor – An Advanced Geography of Asia
- S. D. Maurya – Asia Ka Bhugol
- Ranjit Tirtha – Geography of Asia
- B. C. Jat – Asia ka Bhugol
- Dr. Prem Lal Tamta – Asia ka Pradeshik Bhugol
- Dr. Rajendra Kumar Singh - Asia ka Pradeshik Bhugol
- Devendra Prasad Singh – Asia ka Adhunik Bhugol

Paper :- 1 (B) & 2 (B)
Practical

50 Marks

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. The examination shall be of three hours duration and shall carry 50 marks.

UNIT – 1:-

Enlargement and reduction of maps; Cartograms: Simple, Multiple & Compound Bar diagrams; Pie Diagram; Line graph; Polygraph; Band Graph.

15 Marks

UNIT – 2: -

Interpretation of Topographical maps and Weather maps.

10 Marks.

UNIT – 3: -

Map Projections: Definition, Classification and their merits; Zenithal Equidistant and Equal Area Projections; Simple Conical Projections with one standard, and with two standard parallels.

15 Marks.

UNIT-4: -

Record of Practical work and *Viva voce*.

10 Marks.

Books Recommended:-

Singh and Kanaujia – Elements of Practical Geography

J. P. Sharma – Prayogik Bhugol

R. L. Singh – Elements of Practical Geography

Khullar – Practical Geography

Md. Ishtiaque – Prayogik Bhugol