

GEOGRAPHY (SUBSIDIARY)

Paper I

Physical and Economic 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 Isotasy, Continental Drift, Kober and Holmes' Theory on Mountain Building, Internal structure of the Earth.
- unit-2 Arid topography, Glacial topography, Volcanic topography, Coastal topography, Karst topography, Normal cycle of Erosion.
- Unit-3 Salinity of Ocean water, Ocean deposits, Coral reefs and atolls, Koppen's classification of climate, Evidences of Climatic Change, Classification of Airmasses and fronts.

Section B

- Unit-4 Agriculture-Subsistence, Commercial Grain and Dairy farming, Minerals-Coal, Petroleum, Iron Ore-their distribution and Production.
- Unit-5 Industry-Iron and Steel, Cotton Textile and Sugar Industry. Trade Routes : North Atlantic and Suez Canal.

Books Recommended

1. Physical Basis of Geography *by* Wooldridge & Morgan
2. Unstable Earth *by* Steers
3. Principles of Geomorphology *by* Thornbury
4. Principles of Physical Geology *by* Holmes
5. Oceanography for Geographers *by* Sharma & Vatal
6. Climatology *by* Miller
7. General Climatology *by* Critchfield
8. Geomorphology (Hindi) *by* P. Dayal
9. Bhu Akriti Vigyan (Hindi) *by* Sabindra Singh
10. Bhautik Bhugol (Hindi) *by* C.B.Mamoria
11. Climatology & Oceanography (Hindi) *by* Balbir Singh Negi
12. Economic Geography *by* Jones and Darkenwald
13. Economic Geography *by* Alexander
14. Arthik Bhugol (Hindi) *by* Kashi Nath Singh

GEOGRAPHY (SUBSIDIARY)**Practical****Time - 2 hours****Full Marks - 25**

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

- Unit-1 Enlargement & reduction of maps, Cartograms- Compound bar, Proportionate pie and dot, Band Graph -10 marks
- Unit-2 Interpretation of Topographical Maps and Weather Maps, - 10 marks
- Unit-3 Record of Practical work & Viva-voce -5 marks

Books Recommended

1. Elements of Practical Geography *by* Singh and Dutta
2. Practical Geography *by* Singh and Kanaujia
3. Prayogik Bhugol (Hindi) *by* Jagdish Singh and others