

**M.A./M.Sc. Geography**  
**Third Semester**  
**Paper – I (43361) Advanced Geography of India**

Unit – I

- a) Geological structure physiographic divisions of India
- b) Climate: regional variations, phenomena of Monsoon and cycle of seasons
- c) Vegetation types and vegetation regions; problem of deforestation
- d) Major soil types; problem of soil erosion

Unit – II

- a) Water resources: status and problems; problem of floods and droughts
- b) Coastal and marine resources
- c) Irrigation: sources; multipurpose schemes and their problems with reference to Kaveri, Chambal, and Sutlej
- d) Agro-climatic regions

Unit – III

- a) Major mineral resources: ferrous – iron ore and manganese; and non-ferrous – bauxite and copper
- b) Power resources: conventional – thermal and hydro; and non-conventional – solar and wind
- c) Major industries: cement, chemical and engineering industries; industrial regions of India
- d) India's international trade: items, destination/origin, problems and policies

Unit – IV

- a) Population: distribution and growth; tribal population distribution pattern and belts
- b) Population problems and population policy of India
- c) Transportation: rail, road and air
- d) Regional disparities and socio-economic development in India; Indian five year plans: objectives and achievements

Unit – V

- a) Concept of geographical regions; outline scheme of regions proposed by S. P. Chatterjee and R. L. Singh
- b) Detailed study of Kashmir region
- c) Detailed study of Middle Ganga plain and Malwa plateau regions
- d) Detailed study of Tamil Nadu coastal plain and Bay of Bengal islands

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