

**M.A. / M.Sc. (Previous) Geography**  
**Paper - IV: Advanced Geography of India**

**Unit - I**

- a) Geographical structure of India.
- b) Physiographic divisions and sub divisions.
- c) Climate: regional variations, phenomena of Monsoon and cycle of seasons.
- d) Vegetation types and vegetation regions; problem of deforestation.
- e) 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;
- e) Cropping pattern.

**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.
- d) Industrial regions of India.
- e) 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) Settlement types and pattern.
- d) Transportation: rail, road and air.
- e) 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 region.
- d) Detailed study of Malwa plateau region.
- e) Detailed study of Tamil Nadu coastal plain and Bay of Bengal islands.

**Suggested Readings:**

1. Blandford, H.F., Climate and Weather of India, Ceylon and Burma, Meteorological Department of India.

2. Brown, C. and Dey, India's Mineral Wealth, Oxford University Press, London.
3. Chandrashekhar, S., India's Population: Facts and Policy, Allen and Unwin.
4. Chatterjee, S.D., Climatology of India, Calcutta University, Calcutta.
5. Chhibber, H.L., India, Part-III, Nand Kishore and Bros.
6. Davis, K., The Population of India, Princeton.
7. Deshpande, C.D., India - A Regional Interpretation, Northern Book Centre, New Delhi, 1992.
8. Joshi, H., Industrial Geography of India: A Case Study of Fertiliser Industry, Rawat Publication, Jaipur.
9. Khullar, D.R., India: A Comprehensive Geography, Kalyani Publishers, Ludhiana, 2000.
10. Mitra, A., Levels of Regional Development of India, Census of India, Vol. 1, Part I-A (i) and (ii), New Delhi, 1967.
11. Routray, J.K., Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.
12. Shafi, M., Geography of South Asia, McMillan & Co., Calcutta, 2000.
13. Singh, G., Geography of India, Atmaram & Sons, Delhi.
14. Singh, R.L. (ed), India: A Regional Geography, National Geographical Society, India.
15. Wadia, D.N., Geology of India, McMillan & Co., London, 1967.
16. बंसल, एस.सी.: भारत का वृहत् भूगोल, मिनाक्षी प्रकाशन, मेरठ, नई दिल्ली
17. मामोरिया, सी.बी.: भारत का भूगोल (साहित्य भवन, आगरा)
18. मामोरिया, सी.बी.: भारत का वृहद् भूगोल (साहित्य भवन, आगरा)
19. चौहान, टी.एस. : भारत का भूगोल (विज्ञान प्रकाशन, जयपुर)
20. सिंह एवं सिंह : भारत एक भौगोलिक समीक्षा (वसुन्धरा प्रकाशन, गोरखपुर)