

M. A. / M. Sc. (Final) Geography
Paper - I: Advanced Geography of India

Unit - I

- a) Geological 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. Drez, Jean and Amartya Sen (eds.), India Economic Development and Social Opportunity, Oxford University Press, New Delhi, 1996.
9. Dubey, R. N., Economic Geography of Indian Republic, Kitab Mahal, New Delhi.
10. Farmer, B. H., An Introduction to South Asia, Methuen, London, 1983.
11. Govt. of India, India: Reference Annual, Pub. Div, New Delhi, (latest edition)
12. Govt. of India, National Atlas of India, NATMO Publication, Calcutta.
13. Govt. of India, The Gazetteer of India, Vol. I & III Publication Division, New Delhi, 1965.
14. Joshi, H., Industrial Geography of India: A Case Study of Fertiliser Industry, Rawat Publication, Jaipur.
15. Khullar, D. R., India: A Comprehensive Geography, Kalyani Publishers, Ludhiana, 2000.
16. Krishnan, M. S., Geology of India and Burma, Law Jr. Office.
17. Kumar, L. S. et al, Agriculture in India Vol. I & II, Asia Publishing House, New Delhi.
18. Kundu, A. and Moonis Raza, Indian Economy: The Regional Dimension, Spectrum Publishers, New Delhi, 1982.
19. Learmonth, A. T. A. et al (ed), Man and Land of South Asia, Concept, New Delhi.
20. Mamoria, C. B., Agricultural Problems of India, Kitab Mahal, New Delhi.
21. Manorama Press, Manorma Year Book, Kottayam (Kerala), (Latest Edition).
22. Mitra, A., Levels of Regional Development of India, Census of India, Vol. 1, Part I-A (i) and (ii), New Delhi, 1967.

23. Publication Division, Govt. of India, Gazetteer of India, Volume I and II, New Delhi, latest edition.
24. Robinson, Francis, The Cambridge Encyclopaedia of India, Pakistan, Bangladesh, Sri Lanka, Nepal, Bhutan and Maldives, Cambridge University press, London, 1989.
25. Routray, J. K., Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.
26. Shafi, M, Geography of South Asia, McMillan & Co., Calcutta, 2000.
27. Singh, G, Geography of India. Atmaram & Sons, Delhi.
28. Singh, R. L. (ed), India: A Regional Geography, National Geographical Society, India,
29. Spate, O. H. K. and A. T. A. Learmonth, India and Pakistan: Land, People and Economy Methuen & Co., London, 1967.
30. Times of India Press, Times of India Year Book, Bombay (Latest Edition).
31. Tirtha, R. and Gopal Krishna, Emerging India, Rawat Publications, Jaipur, 1996.
32. Vaidiya, K. S., Dynamic Himalaya, University Press, Hyderabad, 1998,
33. Wadia, D. N., Geology of India, McMillan & Co., London, 1967.
34. बंसल, एस.सी. : भारत का वृहत् भूगोल, मिनाक्षी प्रकाशन, मेरठ, नई दिल्ली
35. मामोरिया, सी. बी. : भारत का भूगोल (साहित्य भवन, आगरा)
36. मामोरिया, सी. बी. : भारत का वृहत् भूगोल (साहित्य भवन, आगरा)
37. चौहान, टी. एस. : भारत का भूगोल (विज्ञान प्रकाशन, जयपुर)
38. सिंह एवं सिंह : भारत एक भौगोलिक समीक्षा (वसुन्धरा प्रकाशन, गोरखपुर)