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M.A. (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 Cauvery, 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

- b) Population: distribution and growth; tribal population distribution pattern and belts.
- c) Population problems and population policy of India.
- d) Settlement types and pattern.
- e) Transportation: rail, road, air and water.
- f) 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 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:

- Blandford, H.F., Climate and Weather of India, Ceylon and Burma, Meteorological Department of India.
- Brown, C. and Dey, India's Mineral Wealth, Oxford University Press, London.
- Chandrashekhar, S., India's Population: Facts and Policy, Allen and Unwin.
- Chatterjee, S.D., Climatology of India, Calcutta University, Calcutta.
- Chhibber, H.L., India, Part-III, Nand Kishore and Bros.
- Davis, K., The Population of India, Princeton.
- Deshpande, C.D., India - A Regional Interpretation, Northern Book Centre, New Delhi, 1992.
- Joshi, H., Industrial Geography of India: A Case Study of Fertiliser Industry, Rawat Publication, Jaipur.
- Khullar, D.R., India: A Comprehensive Geography, Kalyani Publishers, Ludhiana, 2000.
- Mitra, A., Levels of Regional Development of India, Census of India, Vol. 1, Part I-A (i) and (ii), New Delhi, 1967.
- Routray, J.K., Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.
- Shafi, M., Geography of South Asia, McMillan & Co., Calcutta, 2000.
- Singh, G., Geography of India, Atmaram & Sons, Delhi.
- Singh, R.L. (ed), India: A Regional Geography, National Geographical Society, India.
- Wadia, D.N., Geology of India, McMillan & Co., London, 1967.
- खुल्लर, डी. आर., भारत का भूगोल, कल्याणी पब्लिशर्स, नईदिल्ली
- गौड़, कृपाशंकर : भारत की भौगोलिक समीक्षा, हिन्दी प्रचार पुस्तकालय, वाराणसी
- मामोरिया, चतुर्भूज : भारत का आर्थिक भूगोल, आगरा बुक स्टोर, आगरा
- मामोरिया, चतुर्भूज : भारत का भूगोल, साहित्य भवन पब्लिकेशन्स, आगरा
- दुबे, रामनाथ : भारत का आर्थिक भूगोल, किताब महल, इलाहाबाद
- तिवारी, विश्वनाथ : भारत का वृहद् भूगोल, रामप्रसाद एण्ड सन्स, आगरा
- चौहान, वीरेन्द्र सिंह : विशाल भारत, रस्तोगी एण्ड कम्पनी, मेरठ
- चौहान, तेज सिंह : भारत का भूगोल, विज्ञान प्रकाशन, जयपुर
- माथुर, शंकर मोहन, भारत का प्राकृतिक भूविज्ञान, नेशनल बुक ट्रस्ट इंडिया, नई दिल्ली