

M.A./M.Sc. Geography
Fourth Semester
Paper – II (44362) Advance Geography of Rajasthan

UNIT – I

- a) Rajasthan in the context of India; diversity and unity: history of emergence, geological structure and formation of the state
- b) Relief features and physiographic regions; drainage system and characteristics.
- c) Climate – monsoon, rhythm and weather conditions
- d) Natural vegetation, forests, soil types

UNIT- II

- a) Population growth, density and distribution: status, factors and implications
- b) Population characteristics: gender, literacy, workforce, urbanization and migration
- c) Tribal population: composition, concentration and principal tribal groups
- d) Population growth and associated problems

UNIT- III

- a) Agricultural development – major crops, detailed study of bajra, maize, pulses and oilseed crops; its production and distribution
- b) Sources of irrigation: irrigation system of Indira Gandhi Canal, Mahi Bajaj Sagar Project, Chambal Command Area; problem of depleting ground water resources
- c) Livestock resource: distribution by composition and size: dairy development
- d) Major agricultural problems and their solution

UNIT- IV

- a) Detailed study of minerals: rock phosphate, mica, marble, soapstone and limestone
- b) Conventional and Non-conventional energy sources: prospects and problems; petroleum and natural gas, solar and wind energy
- c) Industries – Cottage and small scale industries, detail study of Zinc, cement and chemical
- d) Tourism: basis of tourism in Rajasthan: major destinations; tourism by place and origin

UNIT- V

- a) Means of transportation: Roads, Railways and Air related problems
- b) Droughts in Rajasthan: Nature, causes, implications, coping measures and interstate water disputes and Flood
- c) Geographical regions of Rajasthan and detailed study of Marusthali and Aravalli regions
- d) Trade and Five Year Plans – First to twelfth, main characteristics

Reference:

1. Bhalla. L. R., Rajasthan ka Bhugol, Kuldeep Publication, Ajmer (Hindi)
2. Census of India, Rajasthan Series, General Population Tables of 1961 to 2001
3. DST (Govt. of Rajasthan), Resource Atlas of Rajasthan, Jaipur
4. Govt. of Rajasthan, Statistical Abstract (Latest edition) Jaipur
5. Mishra, V. C. Geography of Rajasthan, National Book Trust, New Delhi
6. NCEAR, Techno- economic survey of Rajasthan, Volume I and II New Delhi
7. Publication Division, Govt. of India, (Latest edition) New Delhi
8. Spate, O. H. K., India and Pakistan, Methuen, 1960
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10. लोढा, राजमल एवं माहेश्वरी, दीपक : राजस्थान का भूगोल, हिमांशु पब्लिकेशन, उदयपुर
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12. सक्सेना, एच. एम. : राजस्थान का भूगोल, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर
13. विजयवर्गीय, राम रक्षपाल : राजस्थान का भू-विज्ञान एवं खनिज सम्पदा, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर