

GEOGRAPHY
GENERIC ELECTIVE
(FIRST/THIRD SEMESTER)

COURSE CODE: GEO-GE-01-TH
PHYSICAL GEOGRAPHY

1. Geography as a discipline: Meaning, scope and content, branches of geography
2. Geotectonics: Origin and evolution of the earth, Interior structure of the earth; Wegener's Continental Drift theory and Plate Tectonic theory
3. Rocks: Major types of rocks and their characteristics,
4. Geomorphic processes: Weathering and mass wasting,
5. Geomorphology: Erosional and depositional features of river, glacier and wind.

COURSE CODE: GEO-GE-01-PR
PRACTICALS

1. Scale: Definition, classification, construction of simple linear scale
2. Map Projection: Definition, classification and graphical construction of Zenithal Gnomonic Projection (Polar Case); Cylindrical Equal Area Projection; Simple Conical Projection with one Standard Parallel

Reading List

1. *Kale V. S. and Gupta A., 2001: Introduction to Geomorphology, Orient Longman, Hyderabad.*
2. *Thornbury W. D., 1968: Principles of Geomorphology, Wiley.*
3. *Gupta K.K. and Tyagi, V. C., 1992: Working with Map, Survey of India, DST, New Delhi.*
4. *Mishra R.P. and Ramesh, A., 1989: Fundamentals of Cartography, Concept, New Delhi.*
5. *Monkhouse F. J. and Wilkinson H. R., 1973: Maps and Diagrams, Methuen, London.*
6. *Singh R. L. and Singh R. P. B., 1999: Elements of Practical Geography, Kalyani Publishers.*
7. *Sarkar, A. (2015) Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi*

GEOGRAPHY
GENERIC ELECTIVE
(SECOND/FOURTH SEMESTER)

COURSE CODE: GEO-GE-02-TH
GEOGRAPHY OF INDIA

1. Physiography, climate, natural vegetation and soil
2. Types of settlements, morphology of rural and urban settlements
3. Intensive farming (rice), plantation farming (tea and rubber), horticulture
4. Factors of industrial location, classification of industries, distribution of Iron and Steel industry, Cotton Textile industry
5. Growth and distribution of population; demographic characteristics of population.

COURSE CODE: GEO-GE-02-PR
PRACTICALS

1. Geological map: Uniclinal and folded structure with given dips
2. Topographical maps: Interpretation of topographical map of India; relief, drainage, natural vegetation, settlement and transport & communication (plateau region)

Reading List

1. Mandal R. B. (ed.), 1990: *Patterns of Regional Geography – An International Perspective. Vol. 3 – Indian Perspective.*
2. Sharma, T. C. 2003: *India - Economic and Commercial Geography.* Vikas Publ., New Delhi.
3. Singh R. L., 1971: *India: A Regional Geography,* National Geographical Society of India.
4. Singh, Jagdish 2003: *India; A Comprehensive & Systematic Geography,* GyanodayaPrakashan, Gorakhpur.
5. Spate O. H. K. and Learmonth A. T. A., 1967: *India and Pakistan: A General and Regional Geography,* Methuen.
6. Tirtha, Ranjit 2002: *Geography of India,* Rawat Publishers, Jaipur & New Delhi.
7. Tiwari, R.C. (2007) *Geography of India.* PrayagPustakBhawan, Allahabad
8. Sharma, T.C. (2013) *Economic Geography of India.* Rawat Publication, Jaipur