

- Unit-I The Solar system and origin of earth; Rocks – their origin and classification; Interior of the earth; Earth movements – organic and epeirogenic; Earthquakes and volcanoes, major land forms. 20 Marks
- Unit-II Weathering, factors affecting weathering; Concept of cycle of erosion; works of running water, wind and glaciers; Karst and coastal regions; Drainage patterns, lakes and islands. 20 Marks
- Unit-III Elements of weather and climate; Composition and structure of the atmosphere; Insolation, heat budget, vertical, horizontal and seasonal distribution of temperature. 20 Marks
- Unit-IV Atmospheric pressure and winds, planetary, periodic and local winds, evaporation, condensation and precipitation; Cyclones and anticyclones; Climatic types and their association with major natural regions. 20 Marks
- Unit-V Configuration of ocean floor; Temperature and salinity distribution of ocean water; Ocean currents, marine deposits, Corals and atolls; Global distribution of major plant and animal communities; Concept of ecosystem and food chain. 20 Marks

Suggested Reading :

1. Ahmed Enyat : *Geomorphology*, Kalyani Publishers, New Delhi, 2001.
2. Blornm A.L: *Geomorphology-A Systematic Analysis of Late Canezoic landforms*, Prentice Hall Englewood Cliffs, N.J. 1978.
3. Dayai, P. : *A textbook of Geomorphology*, Sukla Book Deport, Patna 1996.
4. Critchfield, H.: *General Climatology*, Prentice-Hall, New York, 1975.
5. Monkhouse, F.J.: *Principles of Physical geography*
6. Sharma, R.C. and Vatal, M. : *Oceanography for Geographers*
7. Strahler, A.N. & Strahler A.H : *Modern Physical Geography*, John Wiley & Sons revised edition, 1992.
8. Kale, V.S. and Gupta, A. : *Introduction to Geomorphology*, Orient Longman, Kolkata, 2001.
9. Thornbury. W.D.: *Principles of Geomorphology*, Wiley Eastern, 1969
10. Wooldridge, S.W. and Morgan, R.S. : *An Outline of Geomorphology : The Physical Basis of Geography- An Outline of Geomorphology*, Longman Green &Co., London 1959. .