

Time: 2.30 Hrs

Marks: 60

Q.1 Answer **any two** questions **12**

- Explain the structure and composition of the atmosphere with a neat and labelled diagram
- Define Environment and discuss the interrelationship of Man and Environment.
- Write a note on the Biogeographical classification of India.

Q.2 Answer **any two** questions **12**

- Write a note on the first and second laws of thermodynamics.
- Explain different types of climates in India with examples
- Define biochemical cycles and explain the Hydrological Cycle in detail with a diagram

Q.3 Answer **any two** questions **12**

- Explain land resources. Elaborate on the degradation of land resources in detail.
- Discuss types of forest and elaborate on causes of exploitation of forests in India
- Write a note on the importance of dams. Discuss benefits and problems in detail

Q.4 Answer **any two** questions **12**

- Explain Energy resources. Discuss the impacts of growing energy needs
- Write a note on types of renewable energy resources with examples.
- Discuss equitable use of resources for sustainable lifestyles

Q.5 Answer **any four** out of following **12**

- Salinity ingress
- Soil erosion
- Floods
- Conservation of natural resources
- Desertification
- Biosphere
