

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. All question carry equal marks.
 3. Draw neat and labelled diagrams wherever necessary.

- Q.1. A. Answer any one of the following: 10**
- i) "Energy decreases in each successive trophic level – Justify with suitable example.
 - ii) How does Secondary production differ from primary production? Support your answer with a suitable representative example.
- Q.1. B. Answer any one of the following: 5**
- i) Decomposers in ecosystem.
 - ii) Phosphorous cycle.
- Q.2. A. Answer any one of the following : 10**
- i) Define biodiversity. Describe the biodiversity of India, with a brief reference to biogeographic zones and climates.
 - ii) Give a detailed account on role of biotechnology in the conservation of species.
- Q.2. B. Answer any one of the following : 5**
- i) Wild life management and conservation
 - ii) With respect to populations and consumption dynamics, explain the role of micro and macro nutrients.
- Q.3. A. Answer any one of the following : 10**
- i) Give brief account on Indian forest types.
 - ii) With reference to Global agreements, mention its contribution in biodiversity conservation
- Q.3. B. Answer any one of the following : 5**
- i) Describe the process of development of compost from the garbage.
 - ii) Discuss the role of ethical issues of clinical trials.
- Q.4. A. Answer any one of the following : 10**
- i) "Increase in Environment Concern and Knowledge about environmental deterioration is a must for future generation". Support the statement with a suitable example.
 - ii) Discuss the relevance of cost-benefit analysis involved in environment regulation.
- Q.4. B. Answer any one of the following : 5**
- i) Environment Protection Act (1985)
 - ii) The Air (Prevention and control of Pollution) Act (1981)
- Q.5. Write Short notes on any three of the following: 15**
- a) Natural Resources
 - b) IUCN
 - c) Carbon foot prints
 - d) Bio accumulation
 - e) Succession
 - f) Article 48 A (1976)