



- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw well labelled diagrams wherever necessary.
 3. Illustrate your answer with suitable example.

1. Write on :
- a) What is Biodiversity? Explain Biodiversity at Global level. 5
 - b) Explain in detail the concept of Biodiversity & Write its significance. 5

OR

Write short notes on :

- c) Diversity at Agro level. 2½
 - d) Endemism of India. 2½
 - e) Biodiversity states of India. 2½
 - f) Species diversity. 2½
2. Write on :
- a) Explain detail Marine and aquatic biodiversity. 5
 - b) Explain Biodiversity at forest and desert level of Terrestrial ecosystem. 5

OR

Write short notes on :

- c) Grassland Biodiversity. 2½
 - d) Mangroves Conservation. 2½
 - e) Coral reef Biodiversity. 2½
 - f) Fresh water Biodiversity. 2½
3. Write on :
- a) Explain phytogeographical classification of India. 5
 - b) India as a Mega diversity Nation. 5

OR

Write short notes on:

- c) Hots spot of Diversity of world. 2½
- d) What is Mayer's Hots spots? 2½
- e) Dry tropical deciduous forest. 2½
- f) Temperate forests. 2½

4. Write on :

- a) Give reasons for loss of Biodiversity. 5
- b) Explain the Factors of Mass extinction. 5

OR

Write short notes on :

- c) Red data book. 2½
- d) Threats of Biodiversity. 2½
- e) Blue data book. 2½
- f) Indian Endangered flora. 2½

5. Write on the following in two or three lines only **any ten**. Diagram not necessary. 10

- a) Genetic diversity
- b) Exotic plant species
- c) Deserts
- d) Eustrine
- e) Meadow
- f) Western ghat
- g) Alpine Zone
- h) Endangered
- i) Vulnerable
- j) Rare
- k) Extinct plant
- l) IUCN
