

2Hr.

Total Marks: 50

- N.B.:** 1) All questions are compulsory.
2) All questions carry equal marks.
3) Draw neat & labelled diagram wherever necessary.

Q.1. Attempt any Two.

10

- A) Explain Concept of Biodiversity.
- B) Describe different types of Biodiversity.
- C) Write a note on Keystone Umbrella & Flagship Species.
- D) What is Ecotone; Explain its importance with example.

Q.2. Attempt any Two.

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- A) What is the Status of Biodiversity at National and Global level?
- B) What are the different Biodiversity values?
- C) Describe how Climate change & Induced losses affects Biodiversity.
- D) Write a note on Phytoplankton & Zooplankton

Q.3. Attempt any Two.

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- A) Write a note on IPR's with relation to Biodiversity Convention.
- B) Explain Wildlife Values.
- C) Describe in detail about "Wildlife Protection Act 1972".
- D) What are the problems in Wildlife Protection?

Q.4. Attempt any Two.

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- A) Explain Homestead Garden & Herbarium.
- B) Write a note on Nature Reserves & Preservation Plots.
- C) Compare In-situ & Ex-situ Conservation of Biodiversity.
- D) Describe In-vitro Conservation.

Q.5. Write short notes on any four of the following.

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- A) Ecological Niche
- B) Extinct Species
- C) WCU
- D) Macrophytes
- E) CITES
- F) Vulnerable Species
- G) National Park
- H) Importance of Biodiversity Conservation
