

(3 Hours)

[Total Marks: 100]

- Note:**
- 1] All questions are **compulsory** and carry **equal** marks.
 - 2] **Figures** to the right **indicate** full marks.
 - 3] **Draw** neat labelled **diagrams** wherever **necessary**.
 - 4] **Answer** the question in **proper order**.

Q. 1 Describe the following (Any two):

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- a) Water resources.
- b) Exploitation and modification of natural resources.
- c) Watershed management practices.

Q. 2 Explain the following (Any two):

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- a) Habit and Habitat.
- b) Threats to wild life: Climate change and deforestation.
- c) Forest management.

Q. 3 Describe the following (Any two):

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- a) Bioprospecting and conservation.
- b) Methods of self-medication through absorption and adsorption.
- c) Applications of Zoopharmacognosy.

Q. 4 Explain the following (Any two):

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- a) Barriers of animal distribution.
- b) Means of dispersal.
- c) Zoogeography of the Australian realm.

Q. 5 Write short notes on (Any four):

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- a) Non-renewable energy resources.
- b) Traditional methods of solid waste management.
- c) Aerial counts and camera traps.
- d) Niche concept.
- e) Definition and types of Zoopharmacognosy.
- f) Plate tectonics.

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