

Bachelor of Science (B.Sc. Part-I) First Semester Old
Zoo-02 - Zoology Paper-II (Environmental Biology)

P. Pages : 2

Time : Three Hours



GUG/W/18/1223

Max. Marks : 50

- Notes :
1. All questions are compulsory.
 2. All question carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. Describe in detailed an ecological pyramids. 10

OR

- a) Methods of conservation of Biodiversity. 5
- b) Adverse changes in Biodiversity. 5

2. Write in detailed on soil formation. 10

OR

- a) Air pollution. 5
- b) Green house effect. 5

3. Attempt the following. 10

- a) Abiotic factor.
- b) Project tiger.
- c) Physical properties of water.
- d) Source of water pollution.

OR

- e) Grass Land ecosystem.
- f) Conservation of seed bank
- g) Hydrological cycle.
- h) Global warming.

4. Write short notes on. 10

- a) Food chain
- b) In-situ conservation.
- c) Non-renewable energy sources.
- d) Plastic pollution.

OR

- e) Fate of radiant energy.
- f) Nagzira national park.
- g) Physico-chemical characteristics of water.
- h) Pesticide pollution.

5. Write four or five line on the following **any ten**.

10

- i) Consumer.
- ii) Littoral zone
- iii) Macrophyte
- iv) Buffer zone
- v) Hotspot
- vi) Mid-term storage.
- vii) Stratosphere
- viii) Igneous rocks
- ix) Hydropower
- x) Nitrogen-oxide
- xi) Minamata disease
- xii) Carboxyhemoglobin
