

Bachelor of Science (B.Sc.) Semester—I (C.B.S.) Examination

ZOOLOGY

(Environment Biology)

Compulsory Paper—2

Time : Three Hours]

[Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory.

- (2) All questions carry equal marks.
- (3) Illustrate your answers with suitable diagrams.

1. Describe physico-chemical characteristics of water. 10

OR

Write notes on :

- (a) Solar energy 5
- (b) Types of rocks. 5

2. What is ecological pyramid ? Explain types of ecological pyramids. 10

OR

Write notes on :

- (a) Pond ecosystem 5
- (b) Universal model of ecosystem. 5

3. What is Biodiversity ? Explain types of biodiversity and its conservation. 10

OR

Write notes on :

- (a) Kanha National Park 5
- (b) Wildlife Protection Act, 1972. 5

4. What is Pollution ? Explain sources, effects and control measures of water pollution. 10

OR

Write notes on :

- (a) Toxic effects of heavy metal 5
- (b) Acid rain. 5

5. Write **4** or **5** lines on the following (any **ten**) :

- (i) Stratosphere
- (ii) Chemical weathering
- (iii) Biogas
- (iv) Food chain
- (v) Energy flow
- (vi) Grassland ecosystem
- (vii) Hunting
- (viii) Nagzira
- (ix) Western ghat
- (x) Bioaccumulation
- (xi) Global warming
- (xii) P.A.N.

1×10