

**KNT/KW/16/5050**

**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