

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 in detail the renewable energy resources. 10

OR

Write notes on :

(A) Chemical properties of water 5

(B) Composition of air. 5

2. Describe in detail the ecological pyramids.

OR

Write notes on :

(A) Types of food chain 5

(B) 'Y' shape energy flow. 5

3. Give an account on type of Biodiversity. Explain the causes of reduction of biodiversity. 10

OR

Write notes on :

(A) Western Ghats 5

(B) Ex-situ conservation. 5

4. Describe sources, effect and control measure of air pollution. 10

OR

Write notes on :

(A) Bioaccumulation and Biomagnification 5

(B) Ozone depletion. 5

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

(i) Stratosphere

(ii) Chemical weathering

(iii) Igneous rock

(iv) Decomposer

(v) Food web

(vi) Secondary consumer

(vii) Nagzira

(viii) In situ conservation

(ix) Hot spot

(x) Global warming

(xi) PAN

(xii) Chlorofluorocarbon (CFC's). 1×10