

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

ZOOLOGY

(Environmental 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 answer with suitable diagrams.

1. Describe in detail the process of soil formation. 10

OR

Write notes on :

(A) Zones of atmosphere. 5

(B) Renewable energy sources. 5

2. Describe pond ecosystem in detail. 10

OR

Write notes on :

(A) Pyramid of number. 5

(B) Y-Shaped energy flow model. 5

3. Describe causes of reduction of biodiversity. 10

OR

Write notes on :

(A) In-Situ Conservation. 5

(B) Importance of biodiversity. 5

4. Describe sources and effects of Air pollution. 10

OR

Write notes on :

(A) Sources and effects of Noise pollution. 5

(B) Biomagnification. 5

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

(i) Precipitation

(ii) Humus

(iii) Igneous rock

(iv) Food web

(v) Producers

(vi) Detritus

(vii) Gene bank

(viii) Mangrove

(ix) Exotic species

(x) Acid rain

(xi) Eutrophication

(xii) Decibel. 1×10=10