

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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B.A./B.Sc. (General) 2nd Semester

(2053)

ZOOLOGY

Paper-II : Biodiversity & Ecology-II (ZOO-202)

Time Allowed : Three Hours] [Maximum Marks : 36

Note :— Total five questions are to be attempted. Select one question from each Unit. Question No. 1 is compulsory. Draw neat, clear well labelled diagram wherever needed.

1. Describe the following :

- (a) Poaching
- (b) Xerarch
- (c) Madreporite
- (d) Endangered species
- (e) Eutrophication
- (f) Statocysts
- (g) Pedicellaria
- (h) Systemic position of Sepia.

8×1=8

UNIT—1

2. Explain the Digestive System in *Pila globosa*. 7
3. (a) Write a note on Eye of Pila. 3
- (b) Classify upto orders and write a note on economic importance of : 4
- (i) Chiton
- (ii) Haliotis.

UNIT—2

4. Give an account of Nervous System in Asterias. 7
5. (a) Describe the affinities of Balanoglossus with Annelids and Echinoderms. 3
- (b) Classify upto orders and write ecological note on : 4
- (i) Antedon
- (ii) Cucumaria.

UNIT—3

6. Explain with suitable examples : 7
- (a) Amensalism
- (b) Mutualism
- (c) Predation.
7. Write a note on : 4
- (a) Stages of Ecological Succession 3
- (b) Factors determining Ecological Niche.

UNIT—4

8. What are the causes and effects of Air Pollution ? 7
9. Explain briefly : 1
- (a) Windmill 3
- (b) Project Crocodile 3
- (c) Wildlife Protection Act (1972) key features.