

(i) Printed Pages :3]

Roll No.

(ii) Questions :9]

Sub. Code :

0	1	5	7
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Exam. Code:

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

1047

ZOOLOGY

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

Time : 3 Hours]

[Max. Marks : 36

Note :- Attempt *five* questions in all. Question No. **1** is compulsory and for the rest. select *one* question from each Unit.

1. Write briefly on the following :
 - (a) Competitive excusion principle
 - (b) Ammensalism
 - (c) Climax communities
 - (d) Biomagnification

(e) Global warming

(f) Ospharidium

(g) Pedicellariae

(h) Proboscis of Balanoglossus

8x1=8

Unit - I

2. With the help of a labelled diagram, give an account of nervous system of Pila. 7

3. (a) Classify upto order and write an ecological note of the following :

(i) Nautilus

(ii) Sepia

(iii) Octopus

(iv) Chiton

(b) Draw a labelled diagram of alimentary canal of Pila. 4,3

Unit - II

4. (a) Give an account of external characters of Balanoglossus.

(b) Draw a labelled diagram of water vascular system of Asterias. 4,3

5. Describe different types of larvae found in echinoderms. 7

Unit - III

6. How does mutualism differ from commensalism ? Giving suitable examples, describe mutualism. 7
7. What is ecological niche ? Give an account of hypervolume niche. 7

Unit - IV

8. Give the causes, impact and control of water pollution. 7
9. Write on the following :
- (a) Renewable natural resources.
 - (b) Control of air pollution 4,3

