

Exam.Code:0002
Sub. Code: 0157

2071

B.A./B.Sc. (General) Second Semester

Zoology

Paper – II: Biodiversity and Ecology - II (ZOO-202)

Time allowed: 3 Hours

Max. Marks: 36

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Explain the following:-

- a) Radula
- b) Madreporite
- c) Systematic position of Echinus
- d) Hydreach
- e) Probosis of Balanoglossus
- f) Biosphere Reserve
- g) Acid rain
- h) Ammensalism

(8x1)

UNIT - I

II. With the help of labelled diagram, give an account of digestive system of Pila. (7)

III. Classify upto order and write ecological note on the following:-

- a) Chiton (3)
- b) Sepia (2)
- c) Dentalium (2)

UNIT - II

IV. a) Give an account of external characters of Balanoglossus.

b) Draw well labelled diagram of circulatory system of Asterias. (4,3)

V. Describe various types of larvae found in Echinodermata. (7)

P.T.O.

(2)

UNIT - III

VI. Explain the following:-

- a) Mutualism (3)
- b) Parasitism (2)
- c) Compelition (2)

VII. Write note on:-

- a) Xerach succession
- b) Autogenetic and allogenic succession (3,4)

UNIT - IV

VIII. What is air pollution? Discuss in detail its causes, impact and comport. (7)

IX. Write note on:-

- a) Renewable energy resources
- b) Importance of Wild life (4,3)

x-x-x