

2316

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Class – B.Sc. I (Medical)

Subject – Zoology

Paper – Zoo-II B (Biodiversity II)

Time Allowed : 3 Hours

Maximum Marks : 35

Question 1 is compulsory. Attempt ONE question from each unit. Draw neat & well labelled diagram wherever required.

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|--------|---|---|
| 1. (i) | Gonapophyses | 1 |
| (ii) | Maxilla | 1 |
| (iii) | Radular Sac in Pila | 1 |
| (iv) | Scaphognathite | 1 |
| (v) | Draw well labelled diagram of Antennule | 1 |
| (vi) | Podobranch & Arthrobranch | 1 |
| (vii) | Pedicellariae | 1 |

UNIT - I

- Q2.** Give an account of Male & Female reproductive system in Cockroach. 7

OR

- Q3.** Give an account of Nervous System of Prawn 7

UNIT - II

- Q4.** Explain Social Organization of Honey Bee in detail. 7

OR

- Q5.** Explain Digestive system of Pila in detail along with well labelled diagram. 7

UNIT - III

Q 6. Explain an account of Water Ambulacral System of Asterias. 7

OR

Q 7. Describe the Larvae of Echinoderms. 7

UNIT - IV

Q 8. Give an account of external features of the Balanoglossus along with habits & habitat.

OR

Q 9. Write a short note on -

- (i) Pallial Complex 3
- (ii) Structure & working of Compound Eye of the Cockroach. 4
