

17.8.18

St. JOSEPH'S COLLEGE (AUTONOMOUS) BANGALORE - 27

B.Sc. ZOOLOGY I-SEMESTER

MID SEMESTER EXAMINATION-AUGUST 2018

ZO 118: ANIMAL DIVERSITY OF NON-CHORDATES

Time: 1 hr

Max marks = 30

PART - A

I. Answer any five questions. Each question carries two marks

5×2=10

1. List out the rules of binomial nomenclature.
2. What is eucoelom? Explain the types of eucoelom.
3. Classify phylum Platyhelminthes with suitable examples
4. Define homonomous metamerism with an example.
5. Give a brief account of the unique features of cephalopoda.
6. Draw and label the parapodium of *Nereis*.

PART- B

II. Answer any four questions. Each question carries five marks

4×5=20

7. Explain the various modes of nutrition in phylum Protozoa.
8. Explain in detail the general classification and characteristic features of phylum Coelenterate
9. Classify phylum Annelida with unique features and examples.
10. With the help of a labelled diagram, explain the external features of *Unio*.
11. Write a note on the external features and life cycle of *Aurelia* with a neat labelled diagram