

ST. JOSEPH'S COLLEGE (AUTONOMOUS) BANGALORE - 27
B.Sc. ZOOLOGY I-SEMESTER
MID SEMESTER EXAMINATION-AUGUST 2019
ZO 118: ANIMAL DIVERSITY OF NON-CHORDATES

Time: 1 hour

Max marks = 30

PART - A

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

5×2=10

1. Differentiate between monogenetic and digenetic parasites.
2. What are the symptoms of 'amoebiasis'?
3. Classify phylum Platyhelminthes with an example each.
4. Write a note on the major transformation or change found in the nervous system of Phylum Aschelminthes.
5. List four unique characteristics of phylum Mollusca.
6. Explain foot modification and its function in Chiton.

PART- B

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

4×5=20

7. With the help of suitable sketches, explain the various modes of nutrition in phylum Protozoa.
8. Write a note on the general characteristics of Phylum Coelenterata
9. Explain the digestive system of Unio with a neat labelled diagram.
10. Mention the unique features of phylum Annelida and classify with suitable examples.
11. How do you differentiate Heteronereis from Nereis, explain with the help of suitable diagrams.