

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FIRST SEMESTER – APRIL 2016

AZ 1506/AZ 1503/AZ 1500 – INVERTEBRATA

Date: 02-05-2016

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

SECTION - A (10 x 2 = 20)

Answer ALL questions

1. What are Protozoans?
2. What is Leucosolenia?
3. Give the class and Sub-class of Penaeus.
4. Give the phylum and class of Pila.
5. What are Spicules?
6. What is Obelia?
7. What is Ascaris?
8. What are the two forms of development in Echinodermata?
9. What is Star Fish?
10. State the four types of Coelom.

SECTION - B (4 x 10 = 40)

Answer any **FOUR** of the following questions

11. State the characteristic features of Paramecium
12. What are the two types of branches in Obelia?
13. What are the characteristic features of Scorpion?
14. Give the structure of the body wall of Ascon Sponge.
15. State the characteristic features of Peripatus.
16. Give an account of the male reproductive organs of Sepia.

SECTION - C (2 x 20 = 40)

Answer any **TWO** of the following questions

17. Give a complete account of the life cycle of Ascaris.
18. What are the seven sub-phyla of phylum Arthropoda?
19. What are the three types of spicules of Ascon sponge?
20. What are the three parts of the body of Pila?

\$\$\$\$\$\$