

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FIRST SEMESTER – APRIL 2018

17/16UZO1MC01 / AZ 1506 / AZ 1503– INVERTEBRATA

Date: 25-04-2018

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

SECTION-A

Answer ALL questions:

(10 ×2=20)

1. What is palmella stage?
2. Define metegenesis.
3. What is hexacanth larva?
4. Define pseudometamerism.
5. What is pelecypoda?
6. What is entamoebiasis?
7. List out the classes of coelenterate.
8. What is a round worm?
9. What is arachnida? Give an example.
10. Define torsion.

SECTION-B

Answer any FOUR of the following questions:

(4×10=40)

11. Explain the canal system in sponges.
12. Describe the details of polymorphism in cnidaria.
13. Write notes on parasitic adaptations in platyhelminthes.
14. Give an account on metamorphosis in insects.
15. Write short notes on water vascular system in echinoderms.
16. Briefly explain the life cycle of prawn.

SECTION-C

Answer any TWO of the following questions:

(2 ×20=40)

17. Describe the details of the life cycle of plasmodium.
18. Explain in detail the corals and coral reefs.
19. Explain the social life in insects. And elaborate social life of ants.
20. Write brief notes on larval forms of echinoderms.
