

B. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2020**SEMESTER –2: ZOOLOGY (CORE COURSE)****COURSE: 15U2CRZOO2: ANIMAL DIVERSITY – NON CHORDATA - II***(Common for Improvement 2018/Supplementary 2018 /2017/2016 /2015 Admissions)*

Time: Three Hours

Max Marks: 60

PART A***Answer all questions***

1. Digenetic parasite
2. Causative agent of Malaria
3. Measly pork
4. Scientific name of Pork tapeworm
5. Radula
6. Ambulacral groove
7. *Pinctada fucata*
8. Scientific name Filarial worm

(1 x 8 = 8)

PART B***Answer any Six questions of the following***

9. *Sacculina*
10. Flame cells
11. *Peripatus*
12. Thelycum
13. Mother of Pearl
14. Trochophore larva
15. Biramous appendage
16. Aristotle's lantern

(2 x 6 = 12)

PART C***Answer any Four questions of the following***

17. Write the features of Class Cestoda with an example.
18. Write down the adaptations of Leech.
19. Explain the larval forms of *Penaeus*.
20. Write a note on the affinities of *Balanoglossus*.
21. Give an account on pathogenic Nematodes.
22. Explain the general features of Mollusc.

(4 x 4 = 16)

PART D***Answer any Two questions of the following***

23. Describe the water vascular system of Starfish with suitable diagrams.
24. Write an essay on the life history of *Fasciola hepatica*.
25. What are the salient features of Phylum Arthropoda. Classify the phylum upto classes, giving one example each.
26. List the General characters and Classes of Annelids with examples.

(12 x 2 = 24)