

B.Sc. DEGREE END SEMESTER EXAMINATION – JULY 2021
SEMESTER – 2: ZOOLOGY (CORE COURSE)

COURSE: 15U2CRZOO2, ANIMAL DIVERSITY – NON CHORDATA – II

(Common for supplementary 2018/2017/2016/2015 admissions)

Time: Three Hours

Max. Marks: 60

PART A

Write notes on all Questions

1. Setae
2. Booklungs.
3. Primary Host.
4. Cephalization
5. Cuttle bone
6. Scientific name of Filarial worm.
7. Living fossil
8. Comb Plate

(1 x 8 = 8)

PART B

Answer any six questions of the following.

9. What is Aristotle's lantern?
10. Evolutionary significance of *Peripatus*
11. Lateral Heart
12. Earthworms are called "Farmers friend. Why?"
13. Tiedmann's body
14. What is gastric mill?
15. Mention the characters of *Limulus*.
16. Comment on *Bipinnaria* larva

(2 x 6 = 12)

PART C

Answer any four questions of the following

17. Explain parasitic castration
18. Describe the locomotion in earth worm.
19. List the salient features of Phylum Mollusca
20. With suitable diagrams describe the Circulatory system in *Penaeus*
21. Give the parasitic adaptations of *Taenia solium*
22. Explain the affinities of *Peripatus*

(4 x 4 = 16)

PART D

Answer any two questions of the following

23. Write an essay on affinities of *Balanoglossus*.
24. Write an essay on pests of Paddy and Coconut.
25. Describe pearl culture and add note on different species of pearl oysters used for culture.
26. Write an essay on the Life cycle of *Fasciola hepatica*.

(12 x 2 = 24)
