

**B.Sc. DEGREE END SEMESTER EXAMINATION - MARCH / APRIL 2019****SEMESTER – 2: ZOOLOGY (CORE COURSE)****COURSE: 15U2CRZOO2–: ANIMAL DIVERSITY – NON CHORDATA - II***(Common for Regular 2018/Supplementary - Improvement 2017/2016/2015 Admission)*

Time: Three Hours

Max. Marks: 60

**PART A***Answer **all** questions.*

1. Syncytium
2. Onchosphere
3. Epipodite.
4. Typhlosole.
5. Hermaphrodite.
6. Cuttle bone
7. Flame cell
8. What is Green gland?

(1 x 8 = 8)

**PART B***Answer **any six** questions of the following.*

9. Discuss the pathogenicity of *Anchylostoma duodenale*?
10. What is meant by digenic parasite?
11. Ommatidium
12. What is mother of pearl?
13. Ascariasis.
14. Tiedmann's body
15. Gastric mill
16. What is ecdysis?

(2 x 6 = 12)

**PART C***Answer **any four** questions of the following.*

17. Write down characteristic features of Turbellaria.
18. Write down the affinities of *Peripatus*.
19. Describe the salient features of Merostomata.
20. Describe the structure of typical nephridium.
21. Briefly describe the female reproductive system of *Penaeus indicus*.
22. Explain the affinities of *Belanoglossus*.

(4 x 4 = 16)

**PART D***Answer **any two** questions of the following.*

23. Describe the larval forms of Echinodermata and explain their zoological importance.
24. Describe important vectorial arthropods.
25. Write down general characters of Phylum Mollusca and classify the phylum upto classes.
26. Write an essay on the Life cycle of *Fasciola hepatica*.

(12 x 2 = 24)

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