

Reg. No.....

Name.....

**B. Sc. DEGREE END SEMESTER EXAMINATION - OCTOBER/NOVEMBER 2018****SEMESTER – 1: ZOOLOGY (CORE COURSE)****COURSE: 15U1CRZOO1: ANIMAL DIVERSITY – NON CHORDATA 1***(Common for Regular 2018 admission and improvement 2017/ supplementary 2017/2016/2015 admission)*

Time: Three Hours

Max. Marks: 60

**PART A***Define/Explain **all** questions*

1. Define 'Epidemiology'
2. Bilateral symmetry
3. Father of Modern Taxonomy
4. Name an endosymbiont in the rectum of frog
5. Scientific name of Sea gooseberry
6. Atoll
7. Sulphur sponge is scientifically called -----
8. Rhopalura

(1 x 8 = 8)

**PART B***Answer **any six** questions*

9. Differentiate between schizocoelome and enterocoelome
10. Law of Priority
11. Differentiate between endomixis and hemixis in *Paramecium*
12. Write on Red tide.
13. Protozoans are called 'acellular'. Why?
14. Comment on contractile vacuoles
15. Cormidium
16. Barrier reef? Give one example.

(2 x 6 =12)

**PART C***Answer **any four** questions*

17. Features of Science
18. Approaches to Taxonomy
19. Homonymy and Synonymy
20. Significance of Classification
21. Two and Five kingdom classification
22. Cycle of Golgi and Cycle of Ross

(4 x 4 =16)

**PART D***Answer **any Two** questions*

23. Explain the life history of two Parasitic Protozoans
24. Describe the Polymorphism in Coelenterates
25. Explain the Canal system in Sponges
26. Name the different phyla of Kingdom Protista. Give one example each.

(12 x 2 = 24)