

Reg. No.....

Name.....

B. Sc. DEGREE END SEMESTER EXAMINATION - OCTOBER 2019**SEMESTER – 1: ZOOLOGY (CORE COURSE)****COURSE: 15U1CRZOO1: ANIMAL DIVERSITY – NON CHORDATA***(Common for Improvement 2018/ Supplementary 2018/2017/2016 /2015 admission)*

Time: Three Hours

Max. Marks: 60

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

1. Portuguese Man of War
2. Synapticula
3. Mesogloea
4. Name the polystomatous animal
5. Scientific name of Venus flower basket
6. Pinocytosis
7. Rhopalura
8. Amphiblastula

(1 x 8 = 8)

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

9. Name the branches of biology dealing with a) mammals b) snakes
10. Cormidium
11. Differentiate between Protostomia and Deuterostomia.
12. Write on systematic position of mesozoa
13. Differentiate between synonymy and homonymy
14. Comment on canal system in syconid sponges
15. Trichocysts.
16. Write notes on sea gooseberries.

(2 x 6 = 12)

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

17. Explain Two and Five kingdom classifications
18. Describe Scientific method
19. Explain Methods of nomenclature
20. Significance of Classification
21. Write down the Approaches to Taxonomy
22. Briefly describe reproduction in Sponges

(4 x 4 =16)

PART C*Answer **any two** questions*

23. Name any 12 phyla of Kingdom Protista. Give one salient feature and one example each
24. Explain the Life history of *Plasmodium*
25. Write an essay on coral reefs. Add a note on the significance of its conservation
26. Describe the different types of reproduction in *Paramecium*.

(12 x 2 = 24)
