QP CODE: 21103190

21103190

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, DECEMBER 2021

Second Semester

Core Course - ZY2CRT02 - ANIMAL DIVERSITY - NON CHORDATA

(Common for B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology)

2017 ADMISSION ONWARDS

A0B0BEAB

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What are deuterostomes?
2. What is the function of choanocytes?
3. What is the scientific name of beef tape worm?
4. Comment on Filariform larvae.
5. Comment on peraeopods.
6. Comment on arthrobranch.
7. What are ommatidia?
8. Write any four salient features of Phylum Arthropoda.
9. Name the respiratory organ of Limulus.
10. Give an example for eyeless crustacean.
11. What is conchology?
12. What are organs of Bojanus?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Write any five salient features of mesozoa.

14. Describe the characteristics features of Obelia.

15. Which are the different types of zooids of Phylum Coelenterata?

16. Explain the general characters of Taenia solium.

17. Describe the mechanism of digestion in prawn.

18. Describe the circulatory system of prawn.

19. Write a note on Bombyx mori.

20. Explain the respiratory structures of Echinoderms.

21. Describe the general characters of Sagitta.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Describe the salient features of phylum Annelida. Classify the phylum upto classes.

23. The development of Penaeus is indirect. Ellucidate with reference to the larval stages.

24. Discuss the affinities of Peripatus.

25. Describe the characteristic features of Balanoglossus.

(2×10=20)