

S.NO: 22N1- UZA1

Course Code: ZUA1

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

B. Sc (Chemistry) Degree Examination

I Semester –November– 2022

AC I – ZOOLOGY I

Time: 3 hours

Maximum Marks: 75

Section –A

(10X2=20)

Answer ALL the Questions

1. What is cyclosis?
2. Define –Nematocyst.
3. Define –Hexacanth larva.
4. What is meant by clitellum?
5. What is the function of Green gland?
6. What is pedicellaria?
7. Comment on Placoid scale.
8. Define Medulla oblongata.
9. What are quill feathers?
10. What is Diastema?

Section -B

(5X5=25)

Answer **ALL** the Questions

11. a) Summarize the life cycle of obelia.

(Or)

b) Explain the types of spicules present in Ascon sponge.

12. a) Demonstrate the structure of mature proglottid.

(Or)

b) Illustrate the digestive system of Earthworm.

13. a) Describe cephalic appendages of prawn.

(Or)

b) Describe the digestive system of freshwater mussel.

14. a) Describe the respiratory system of Shark.

(Or)

b) Explain the structure of brain in calotes.

15. a) Describe the external morphology of pigeon.

(Or)

b) Illustrate the dentition of rabbit.

Section -C

(3 X 10 = 30)

Answer any **THREE** Questions

16. Explain the process of conjugation in *Paramecium*.
17. Illustrate the life cycle of *Ascaris*.
18. Elaborate the water vascular system of star fish.
19. Explain the urogenital system of Frog.
20. Enlist the flight adaptations in pigeon.