

S.NO: 22N1- UZI

Course Code: MVGA

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

B.Voc (Marine) Degree Examination

I Semester – November – 2022

GCC I – FUNDAMENTALS OF MARINE EDIBLE ANIMALS

Time: 3 hours

Maximum Marks: 75

Section -A

10X2=20

Answer **ALL** the Questions

Define/Explain the following

1. Nanoplankton.
2. Topotype
3. Branchiopoda
4. Spawning
5. Chemoreceptors
6. Olfactory sacs
7. Gall bladder
8. Resting phase
9. Early ripe
10. Ova diameter

Section -B

5X5=25

Answer **ALL** the Questions

11. a) Write short notes on Binomial nomenclature.

(or)

b) List out the difference between Taxonomy and systematics.

12. a) Comment on sexual dimorphism in fishes.

(or)

b) Write about the commercial important molluscs.

13. a) Write short note on osmoregulation in fishes.

(or)

b) Write about the Thermoregulation in fishes.

14. a) Give a brief note on Life cycle of crab.

(or)

b) Write about the sexual dimorphism in crabs.

15. a) Give a brief account on accessory respiratory organs in fishes.

(or)

b) Describe the maturation stages of ovaries.

Section -C

3 X 10 = 30

Answer any **THREE** Questions

- 16 Give a detailed account on classification of commercially important marine fishes .
17. Discuss Taxonomic hierarchy.
18. Write an essay on sexual dimorphism in fresh water ornamental fishes.
- 19 . Describe the life cycle of cephalopods.
20. Discuss on sexual dimorphism in Indian major carp.

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