

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN
NUVEM - GOA**

B. Sc. CBCS Semester V Examination, July 2021

Subject Code: ZOD-103 Fish and Fisheries Subject Name: Zoology

Total Marks: 30

Duration: 2 hrs

Total no. of pages: 1

Instructions: 1. All questions are compulsory.

2. Figures to the right indicate marks allotted to the question.

3. Illustrate your answers wherever necessary.

Q.1. Answer ANY FIVE of the following: (2x5= 10)

- i. What is meant by “Zygoparity”?
- ii. Name and cite an example each of two accessory respiratory organs.
- iii. Mention any two applications of “Remote Sensing” in fishery industry.
- iv. Why is estuarine fishery more popular on the eastern coast of India?
- v. Differentiate between Drag nets and Seine nets.
- vi. Comment on extensive aquaculture.
- vii. What is the significance of “RAS” in inland aquaculture?
- viii. Comment on “Fish Protein Concentrate”.

Q.2. Answer ANY FOUR of the following: (5x4 = 20)

- a. Give an account of the types of fish scales with a diagrammatic representation.
- b. Discuss the importance of the EEZ.
- c. Give a brief account of fishing crafts used along the west coast of India.
- d. What is Composite Fish Culture? List its advantages.
- e. Discuss any two bacterial fish diseases.
- f. What are transgenic animals? Discuss the advantages of transgenic fish in research.