



GAYATRI DEGREE COLLEGE, PARVATHIPURAM (462)

B.SC.(CBSC) DEGREE EXAMINATION

First Semester

Part II ---- Fisheries

BIOLOGY OF FISH (MODEL PAPER)

Time: Three hours

Maximum: 75 marks

SECTION A ----- (5 X 5 = 25 MARKS)

Answer any Five from the following Eight questions.

1. Structure of gills in fishes.
2. Heart of fishes.
3. Natural feed for prawns.
4. Types of kidneys in fishes.
5. Elasmobranchii.
6. General characters of Mollusca.
7. Supplementary feed for prawns.
8. Fish colour changes .

SECTION B ----- (5 X 10 = 50 MARKS)

Answer the following One from the Each UNIT.

UNIT - I

9. (a) Describe the feeding habits of prawn.

(Or)

(b) Write an essay on natural and supplementary feeds in fishes.

UNIT - II

10. (a) Explain the types of migration in fishes.

(Or)

(b) Discuss the importance of parental care in fishes.



UNIT - III

11. (a) Describe the structure of brain in fishes.

(Or)

(b) What is osmoregulation? Explain its mechanism in fishes.

UNIT - IV

12. (a) Write an essay on pearl formation.

(Or)

(b) Classify mollusca with suitable examples.

UNIT - V

13. (a) Explain the different types of scales in fishes.

(Or)

(b) Give an account on the classification of fishes giving suitable examples.


Principal
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PARVATHIPURAM - 535 501
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GAYATRI DEGREE COLLEGE, PARVATHIPURAM (462)

B.SC.(CBSC) DEGREE EXAMINATION

Third Semester

Part II ---- Fisheries

Paper III ----- PRINCIPLES OF AQUACULTURE (MODEL PAPER)

Time: Three hours

Maximum: 75 marks

SECTION A ----- (5 X 5 = 25 MARKS)

Answer any Five from the following Eight questions.

1. Cage culture.
2. Productivity of water.
3. Aim of aquaculture.
4. Monoculture.
5. Predator's Fish.
6. Liming.
7. Penacus monodon.
8. Food chain.

SECTION B ----- (5 X 10 = 50 MARKS)

Answer the following One from the Each UNIT.

9. (a) Explain the construction of fish farms with neat diagrams.

(Or)

- (b) Explain the construction of shrimp farms with neat diagrams.

10. (a) Discuss the status of aquaculture in India.

(Or)

- (b) Explain the criteria for selection of species for culture.

11. (a) Explain the control of weeds and algal blooms in ponds.

(Or)

- (b) Explain the post – stoking management in aqua farm.

12. (a) Write an essay on integrated fish farming.

(Or)

- (b) Write an essay on extensive and intensive culture systems.

13. (a) Explain the water quality for aquaculture.

(Or)

- (b) Explain the soil characteristics for aquaculture.