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25-MF-24

M.Sc. II SEMESTER [MAIN/ATKT] EXAMINATION MAY - JUNE 2025

FISHERIES Paper - IV **[Fish Health Management]**

*[Max. Marks : 75]**[Time : 3:00 Hrs.]**[Min. Marks : 26]*

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Describe stress physiology in fishes in detail.

OR

What is Disease Diagnosis ? Explain Histopathological and Haematological methods of disease diagnosis in fishes.

Q. 2 Explain protozoan disease in fishes in detail.

OR

Describe Helminth Diseases in fishes in detail.

Q. 3 Write an essay on Fungal Disease in fishes.

OR

Explain aquatic pathogens in relation to human health in detail.

Q. 4 Write an essay on immune system in relation to fishes.

OR

What is Hybridoma Technology ? Explain their importance in relation to fishes.

Q. 5 Describe vaccination in fishes in detail.

OR

Write note on following -

- i) Production to Adjuvant Vaccine.
- ii) Route of Vaccine Administration.