

# M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION JUNE - JULY 2024

## ZOOLOGY

### Paper - IV

### [Pisci Culture and Economic Importance of Fishes]

[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 five questions. Each question carries an internal choice.  
Each question carries **15 marks**.

**Q. 1** Describe dry and wet bundh breeding in carps ? (15 Marks)

**OR**

Write short note on -

i) Streeping method. (04 Marks)

ii) Hypophysation. (11 Marks)

**Q. 2** Describe types of pond required for fish culture. (15 Marks)

**OR**

Describe management of hatcheries and rearing ponds. (15 Marks)

**Q. 3** What is Integrated Fish Farming ? Explain in detail. (15 Marks)

**OR**

Give an account of fisheries resources of MP ? (15 Marks)

**Q. 4** Write short notes on **any two** - (7½+ 7½Marks)

i) Problems of coastal fisheries.

ii) Cryopreservation of Gametes.

iii) Hybridization.

iv) Transgenic Fish.

**Q. 5** Describe Economic importance and byproducts of fishes ? (15 Marks)

**OR**

Describe transport of live fish and fish seed ? (15 Marks)