PG/1st Sem/AQC/25/Pr.

2025

1st Semester Examination

M.F.Sc. in Aquaculture

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Paper : AQC 503-P

(Hatchery Technology for Finfishes and Shellfishes)

(Practical)

Full Marks : 30 Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

1. Attend any ***one*** from the following :

   (a) Determine the relative fecundity of the given fish sample. Write a conclusion based on your results. 8+2=10

   (b) Identify the given histological slide of gonadal tissue with suitable characters. Draw the labelled diagram. Mention the maturity status. 2×(2½+1+1½)=10

   A. _____

   B. _____

P.T.O.

2. Attend any ***one*** from the following :

   (a) Dissect and display the gonad of the provided fish sample. Draw the labelled diagram. Calculate the GSI value. $2\frac{1}{2}+1+1\frac{1}{2}=5$

   (b) Illustrate the packing and transportation process of cultivable fish seed. 5

3. Submission of Laboratory Notebook 5

4. Viva-voce 10

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