2026

2nd Semester Examination

M.F.Sc. in Aquaculture

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Paper : FSC 506-P

(Basic concepts in Laboratory Techniques)

(Practical)

Full Marks : 80 Time : Three Hours

The figures in the margin indicate full marks.

Answer the following questions :

1. Identify the given laboratory apparatus and mention its use — 5×4=20

   (a) _____

   (b) _____

   (c) _____

   (d) _____

   (e) _____

2. Prepare the given culture medium and demonstrate the appropriate method of sterilization. 10+5

P.T.O.

3. Prepare the given solutions of a specified percentage/ ppm concentration. Write down the procedure. 3×5=15

   (a) _____

   (b) _____

   (c) _____

4. Outline the procedure for neutralizing 25mL of an unknown HCl solution using 0.1 N NaOH with phenolphthalein indicator and calculating strength of the solution. 15

5. Submission of Laboratory Notebook 5

6. Viva-voce 10

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