NEW

Part–III 3-Tier

2016

AQUACULTURE MANAGEMENT

(Honours)

PAPER—VII

(PRACTICAL)

Full Marks : 100

Time : 6 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer *all* questions.

1. Dissect and display pituitary gland from provided specimen.

Draw a labelled diagram of your dissection. (8+2)+(3+2)

2. Identify the provided specimen mentioning systematic position and specimen characters :

(a) Two predatory fishes ; 2×3

(b) Two ornamental fishes ; 2×3

(c) Two benthos ; 2×3

(d) Two Mollusca ; 2×3

(e) Two crustaceans ; 2×3

(e) Two aquatic weeds. 2×3

3. Stain the supplied sample and identify gram + ve and gram – ve bacteria. Write down the principle, protocol and comment on your result.

$6+1\frac{1}{2}+1\frac{1}{2}+1$

Or

Prepare a Culture Media and isolate the Microbial stain from the intestine of fishes. 10

4. Draw and design of a home aquarium. Write down the procedure to be followed. 5

Or

Submission of Home Aquarium. 5

5. Prepare a standard curve of BSA for protein estimation. 10

6. Submission of field report. 5

7. Submission of Laboratory Note Book. 9

8. Viva-voce. 10
