

NEW
Part-III 3-Tier
2017

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 the pituitary gland from provided fish specimen.

Draw a labelled diagram of your dissection.

(8+2)+(3+2)

2. Identify the provided specimen mention their systematic position and specimen characters :

(a) Two ornamental fishes ; 2×3

(b) Two predatory fishes ; 2×3

(c) Two aquatic insects ; 2×3

(Turn Over)

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| (d) Two Molluscas species ; | 2×3 |
| (e) Two crustaceans ; | 2×3 |
| (f) Two aquatic weeds ; | 2×3 |
| (g) Two cat fishes. | 2×3 |
| 3. Prepare a Culture Media and isolate the Microbial strain from the provided fish specimen. | 10 |
| 4. Draw and design of a home aquarium. Write down the procedure to be followed. | 10 |
| <i>Or</i> | |
| Submission of personally prepared home aquarium. | 10 |
| 5. Submission of field report. | 5 |
| 6. Submission of Laboratory Note Book. | 8 |
| 7. Viva-voce. | 10 |
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