

**NEW**  
**Part-III 3-Tier**  
**2019**  
**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. Draw a labelled diagram of your dissection.  
(8+2)+(3+2)
  
2. Identify the following provided specimen. Mention their taxonomic position and type characters :
  - (a) Two ornamental fishes 2×3
  - (b) Two predatory fishes 2×3

*(Turn Over)*

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|-------------------------|-----|
| (c) Two aquatic insects | 2×3 |
| (d) Two Molluses        | 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 sample. 10
4. Draw and design of a home aquarium. Write down the procedure to be followed. 10

*Or*

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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