

Dr. Babasaheb Ambedkar Marathwada University  
Faculty of Science  
B.Sc II Year Practical Examination  
Fishery Science  
Paper- VII

Time : 4Hrs.

Marks: 100

Batch No. ....

Date: .....

Centre: .....

- |  |    |
|--|----|
| Q.1 Identify and describe the commercial importance of the spot(1-50)        | 20 |
| Q.2 Identify and describe the commercial importance of the Spot (1-6)        | 24 |
| Q.3 Identify and describe the Economic Value the Spot (1-4)                  | 16 |
| Q.4 Identify and describe the Spot (1-4)<br>(Two each from Crafts and Gears) | 16 |
| Q.5 Submission Work and Project report                                       | 10 |
| Q.6 Record Book  | 10 |
| Q.7 Viva- Voce   | 04 |

Dr. Babasaheb Ambedkar Marathwada University  
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Fishery Science  
Paper- VIII

Time: 4 Hrs.

Marks: 100

Batch No .....

Date.....

Centre: .....

- |   |    |
|---|----|
| Q.1 Identify classify and describe the culturable significance of the spot (1-6)  | 24 |
| Q.2 Identify and describe the spot (1-2) (Plankton / Aquarium Fishes)   | 08 |
| Q.3 Identify describe and add a note on control measure of the spot (1-3)<br>(Predatory, weed, aquatic insect each one) | 12 |
| OR  |    |
| (Any three Aquatic weeds)   |    |
| Q.4 Identify and describe the spot (1-4)<br>(Aquarium tools and accessories)  | 16 |
| Q.5 Identify and describe the given aquarium<br>(Balanced / unbalanced)   | 05 |
| Q.6 Expose / Dissect out of the pituitary glands from given fish  | 15 |
| Q.7 Submission and Tour report  | 10 |
| Q.8 Record Book   | 10 |

Dr. Babasaheb Ambedkar Marathwada University  
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B.Sc III Year Practical Examination  
Fishery Science  
Paper- XII

Time: 4 Hrs.

Centre:.....

Batch No. ....

Marks: 100

Date.....

- Q.1 Identify and describe the spot (1-2) 10  
(one Hybrid fish, one micro organism)
- Q.2 Evaluate the given fish sample for polyploidy using 20  
Erythrocyte measurement method.

OR

Determine the sex of given fish and give the reasons.

- Q.3 Chromosomes karyotyping of the given Sp..... 30
- Q.4 Identify and comment the given gamet. 20
- Q.5 Record Book 10
- Q.6 Viva -Voce 10

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B.Sc III Year Practical Examination  
Fishery Science  
Paper- XI

Time: 4 Hrs.

Centre.....

Batch No. ....

Marks: 100

Date.....

- |  |    |
|--|----|
| Q.1 Analyse the cost benefit ratio from the given data of pond aquaculture / riverine fisheries.       | 20 |
| Q.2 Tabulate, analyse and represent the given data in graphical form And write the concluding remarks. | 20 |
| Q.3 Prepare extension material (Pamphlets / Leaflets / Posters) on.....                                | 20 |
| Q.4 Submission work: Project report.   | 20 |
| Q.5 Record Book  | 10 |
| Q.6 Viva - Voce  | 10 |

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B.Sc I Year Fishery Science  
Pattern of Question Paper  
Paper- IV (Practical).

Time: 4 Hrs.

Marks: 100

- Q.1 Identify, Classify and comment on taxonomical characters of spot (1-5) (20)
- Q.2 Identify and comment on their habitats the spot (1-3) (15)  
(One from each habitat)
- Q.3 Identify the spot 1 to 5 and describe their adaptive characters. (20)
- Q.4 Estimate the O<sub>2</sub>/CO<sub>2</sub>/Alkalinity/pH/Total dissolved solids from the  
Given sample of water. (20)

OR

Determine the effect of given pollutant on the respiratory/behavioural changes  
In given fish.

- Q.5 Identify and describe the spot 1 to 3 (15)
- Q.6 Record book (10)

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Pattern of Question Paper  
Paper- III (Practical).

Time: 4 Hrs.

Marks: 100

- Q.1 Dissect-----so as to expose the -----system. (20)
- Q.2 Expose / dissect-----from the given fish. (10)
- Q.3 Identify and describe the spot (1-4) (20)
- Q.4 Prepare a temporary mount of the given scale----- (10)
- Q.5 Detect the digestive enzyme-----from the given sample. (10)

OR

Estimate the HB% / WBC count / RBC count of the given fish.

- Q.6 Demonstrate the aggregation / dispersion of the chromatophores in given fish (15)

OR

Estimate the oxygen consumption in given fish

- Q.7 Record Book (10)
- Q.8 Viva – Voce (05)