

6/H-36 (vii) (Syllabus-2015)

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(May/June)

FISHERY SCIENCE

(Honours)

(Advance Aquaculture)

Paper : 7A

Marks : 56

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer question No. 1 and any **four from the rest.**

- 1. Write short notes on any *three* of the following :** **4×3=12**

- (a) Cage culture**
- (b) Artificial balanced feed formulation**
- (c) Scope of sewage fed fisheries**
- (d) Pearl fisheries**
- (e) Aquarium management**

(2)

2. Describe in detail the recent advances in aquaculture. 11
3. (a) What is Pen Culture? Describe about the management of pen culture. 6
- (b) Describe the design of a trout farm. 5
4. (a) What do you understand by feed conversion ratio? Discuss the different feeding habits in fish. 2+4=6
- (b) What are the different types of feed ingredients used in fish culture? 5
5. (a) Discuss the characteristics of sewage water. 6
- (b) Explain how sewage water is treated for fish culture. 5
6. (a) Describe the construction of a brackish-water fish farm. 6
- (b) List the important brackish-water fish species. 5
7. (a) Differentiate between ornamental and aquarium fishes giving suitable examples. 5
- (b) Discuss the scope of ornamental fish breeding with reference to the North-East of India. 6

(3)

8. Write short notes on any *two* of the following : $5\frac{1}{2}\times 2=11$
- (a) The role and activities of MPEDA
- (b) Culturable air-breathing fishes of India
- (c) Game and larvicidal fishes
