

3/EH-36 (iii) (Syllabus-2015)

2019

(October)

FISHERY SCIENCE

(Honours)

THIRD PAPER, Paper-3A

(Capture Fisheries)

(Theory)

Marks : 56

Time : 3 hours

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

Answer Question No. 1 which is compulsory
and **any four** from the rest

1. Answer/Write short notes on any *three* of
the following : 4×3=12
- (a) Status of cold-water fisheries in the
Northeastern India
 - (b) Importance of wetland fisheries
 - (c) Impact of dam construction on fish
fauna
 - (d) Describe the different types of estuaries.
 - (e) Zonation of the marine ecosystem

2. Discuss the fisheries of the major Indian rivers. 11
3. (a) Describe the ecological features of wetlands. 5
(b) Discuss the problems and scope of wetland fisheries. 6
4. (a) Differentiate between lakes and reservoirs. 3
(b) Discuss the fisheries of the major lakes of India. 8
5. (a) Classify organisms according to their salinity tolerance. 3
(b) Discuss the fishing seasons of commercially important estuarine fishes. 8
6. (a) What are the different types of statistical data used in fisheries research? 5
(b) Explain the causes of fluctuating of fish population abundance. 6
7. List the important cold-water fishes of India. Briefly mention their seed resources. 11
8. Write short notes on any two of the following : $5\frac{1}{2} \times 2 = 11$
(a) Design of a trout farm
(b) Marking and tagging
(c) Exclusive Economic Zone (EEZ) of India

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