

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

2 0 1 7

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

- (a) Types of capture fisheries in India**
- (b) Impact of dam construction on fish
fauna**
- (c) Causes of fluctuations in fish
population abundance**
- (d) Importance of Mahseers as game fish**
- (e) Scope of development of beel fisheries
in North-East India**

(2)

2. (a) Discuss about the fisheries of two major Indian rivers. 4
(b) What is the present status of the riverine fisheries in India? 7
3. (a) Describe the important strategies for conservation of fishes. 4
(b) Discuss the fisheries of two major reservoirs of India. 7
4. (a) Describe the zonation of marine ecosystem. 7
(b) Name some commercially important marine fishes of Indian coasts. 4
5. (a) Discuss the characteristics of beels with special reference to North-East India. 7
(b) Briefly mention about the ecological features of wetlands. 4
6. (a) Discuss the status and scope of cold-water fisheries in North-East India. 7
(b) Write about the important cold-water fish fauna of India. 4
7. (a) Discuss about marking and tagging of fishes. 7
(b) How is fish population size estimated? 4

(3)

8. Write short notes on any *two* of the following : $5\frac{1}{2} \times 2 = 11$
- (a) Exclusive Economic Zone (EEZ) in India
(b) Primary and secondary data in Statistics
(c) Physicochemical characteristics of estuaries
