

**2017**

**M.Sc.**

**1st Semester Examination**

**FISHERIES SCIENCE**

**PAPER—FSC-101**

**Subject Code—28**

*Full Marks : 40*

*Time : 2 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.*

*Illustrate the answers wherever necessary.*

**Unit—I**

**(Fresh Water Fisheries Resources)**

1. Answer any *two* questions from the following : 2×2
- (a) Write short notes on fresh water resources of India.
- (b) Mention the scientific names of four indigenous cold water fish species.

*(Turn Over)*

- (c) Name the major river system of India.
- (d) Point out the differences between pond and lake.

2. Answer any *two* questions from the following : 2×4

- (a) Briefly discuss the factors responsible for decline in riverine fish yield.
- (b) Write a note on stock enhancement.
- (c) Give an account of the status of sports Fishery in India.
- (d) Briefly discuss present status and trend of Indian Fisheries.

3. Answer any *one* question from the following : 1×8

- (a) (i) Give an account of the present status of Mahseer Fishery in India. 4
- (ii) Write a note on culture-based fishery in reservoir. 4
- (b) (i) Write a note on present status and prospect of Uage culture in India. 4
- (ii) Give an account of the reservoir fisheries in India. 4

**Unit—II****(Fresh water Fishery resources and diversity)**

4. Answer any *two* questions from the following : 2×2
- (a) Write a short note on Marine fishery resources of India.
  - (b) Enlist Scientific names of four commercially important ornamental gastropods.
  - (c) Point out the problems faced by estuavine system of India.
  - (d) Write the scientific names of four pearl producing oystevs.
5. Answer any *two* questions from the following : 2×4
- (a) Write a note on capture trend and means of exploitation of Bombay duck.
  - (b) Why estuaries are considered as the most productive ecosystem ? Explain in brief.
  - (c) Write a note on penurious shrimp fishery in India.
  - (d) Briefly discuss the present status of pearl fishery in India.

6. Answer any *one* question from the following : 1×8
- (a) (i) Discuss the trend in production of Marine Fisheries of India. 4
- (ii) Write a note on Chank Fishery of India. 4
- (b) Write notes on the following :
- (i) Winter bagnet fishery of Hooghly-Matlah estuary. 4
- (ii) Briefly discuss the present status and prospects of Cephalopod fishery in India. 4
-