

# DD-786

**M. Sc. (Fourth Semester)**

**EXAMINATION, 2020**

ZOOLOGY

(Group—II)

Paper First

**[Pisciculture and Economic Importance  
of Fishes (Ichthyology)]**

*Time : Three Hours*

*Maximum Marks : 80*

**Note :** Attempt all the *five* questions. First question is based on all four Units. All questions carry equal marks.

1. Answer the following questions :
  - (a) Transportation of fish seeds
  - (b) Pearl culture in India
  - (c) Describe any *two* methods of fish preservation.
  - (d) Role of fisheries in rural development

## **Unit—I**

2. Write a note on physico-chemical factors of freshwater for fish farming.

*Or*

Describe the different types of ponds required for fresh-water fish culture forms.

*Or*

Write a note on breeding in fish.

### **Unit—II**

3. Describe riverine fisheries in the Ganga river system *or* Godavari river system.

*Or*

Describe the method and importance of Prawn culture in India.

### **Unit—III**

4. Write a note on deep sea fisheries in India.

*Or*

Describe fisheries in any *one* coastal area of India.

### **Unit—IV**

5. Write short notes on any *two* of the following :
- (a) Marketing of fish in India
  - (b) Fish disease
  - (c) Economic importance of fishes