

**PC- 508**  
**(554) M.Sc. ZOOLOGY (FOURTH SEMESTER)**  
**Semester Examination June-2020**  
**Compulsory/Optional**  
**Group -A**  
**Paper -IV**

**Name/Title of Paper – APPLIED FISHERIES**

Time : Three Hours]

[Maximum Marks : 80  
[Minimum Passing Marks : ...

नोट : दोनों खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित हैं।

Note : Answer from both the section as directed. The figures in the right-hand margin indicate marks.

**SECTION-A**

**1. Answer the following questions:**

**1×10 = 10**

- (a) What are the two types of cells due to which colouration is present in fishes ?
- (b) What disease causes white spot or Ich on fresh water fishes ?
- (c) Write the name two voracious fishes.
- (d) What is bundh breeding ?
- (e) What is spawn ?
- (f) What is purse net ?
- (g) What are mesopelagic fishes ?
- (h) Write the benefits of cod liver oil.
- (i) Write the name of two deep sea fishes
- (j) What is crustacean fisheries.

**2. Answer the following questions**

**2×5 = 10**

- (a) Name the types of fresh water fishes consumed as food in India.
- (b) What disease that causes patching and colouration in fresh water fishes ?
- (c) What are the various kinds of fishing crafts are used in India ?
- (d) What is induced breeding ?
- (e) What is reservoir fisheries ?

**SECTION-B**

**Answer the following questions :**

**15×4 = 60**

**UNIT-I**

**3. Write an essay on colouration in fishes**

**OR**

Describe the disease caused by viruses and other parasites in fishes.

**UNIT-II**

**4. Explain the economic importance of fishes and its by products.**

**OR**

Describe luminous organs of fishes.

**UNIT-III**

**5. Write significance and explain in brief paddy-cum culture in India**

**OR**

Describe various major adopted for maintenance and improvement of a fish pond.

**UNIT-IV**

**6. Write an essay on Larvivirus fishes in India.**

**OR**

Give an detail account of Planktons its role in pollution of water and fisheries.

**PC-508**