



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

**M.Sc. Examinations 2020**

**Semester IV**

**Subject: Fisheries Science**

**Paper: FSC 401**

(Theory)

**Full Marks: 40**

**Time: 2 hrs.**

*Candidates are required to give their answers in their own words as far as practicable.*

**Unit-1: (Fish Processing Technology and Quality Assurance)**

**Answer any one of the following:**

Answer any One of the following questions:

1. Write a brief note on Post-Mortem Bio-Chemical changes in fish tissues
2. Describe different spoilage indices
3. Discuss different methods of fish freezing
4. Write a short note on Thawing of Frozen Fish
5. Briefly narrate the methods of preparation of different value-added fishery product
6. Discuss on concept of food safety in fishery products
7. Illustrate microbes and their role in food spoilage
8. Describe quality assurance and quality control of fish and fishery products
9. Briefly discuss HACCP

**Unit – 2 : (Fisheries Extension, Economics and Marketing)**

Answer any one of the following questions:

1. Discuss about the extension education process in Fisheries sector.
2. Write down the role of SHG for aquaculture development in India
3. State about the role of MPEDA with special emphasis on export of fishery products.
4. Discuss about fish and fisheries product marketing channel in India.
5. Give an account on the role of banking sector in fisheries development in India.
6. Write a note the role of women in fisheries development in India.
7. Discuss the different economic principles in fisheries sector
8. Write note on contribution of FFDA for fisheries development in India.
9. Discuss about different fisheries extension principle.