VIDYASAGAR UNIVERSITY

M.Sc. Examinations 2020
Semester IV
Subject: Fisheries Science
Paper: FSC 494
(Practical)

Full Marks: 50   **Time: 3 hrs.**

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

Answer any One of the following questions:

1. Calculate the Correlation coefficient from the following Length-Weigh data collected from fish *Cirrhinus mrigala* [$t_{0.05(7)}= 2.36$; $t_{0.05(9)}= 2.26$]

Sl. No.	1	2	3	4	5	6	7	8	9
Length (cm)	15	15	16	14.5	14	15	16	13	14
Weight (g)	31	32	35	32	30	32	34	29	29

2. Compare fish seed production in different District of West Bengal through Bar diagram either in Excel or in Graph paper.

Year	Bankura (Million)	24-Parganas (N) (million)	Purba Medinipur (million)
June, 2014	58	46	38
June, 2015	85	62	49
June, 2016	76	53	52

3. Prepare a Power Point Presentation (within 15 slides) any topic related to Fisheries Science.
4. Briefly narrate the preparation of fish fillet and make a comment on shape and sizes
5. Describe the preparation of any four fish by-products
6. Write a note on fish handling and ice requirements for short term fish preservation
7. Fishing data of different countries are given in million metric tonnes (USA-5.04, India-5.43, Russia-4.87, Indonesia- 6.69, China-15.37, Japan-3.2, Vietnam-3.28). Enter the data in Excel spreadsheet and Plot a bar graph.
8. What is Microsoft Excel? Write down different steps to plot a chart by puting the data in excel worksheet.
9. Describe the steps followed for the collection and analysis of data of food fish in a fish market you have surveyed.