



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN FISHERIES AND AQUACULTURE
FIRST SEMESTER 2022/2023
(SEPTEMBER - DECEMBER, 2022)

FIAQ 0202: FISHERIES TECHNIQUES

STREAM: Y2 S1

TIME: 2 HOURS

DAY: TUESDAY, 9:00 A.M – 11:00 A.M

DATE: 13/12/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ALL Questions in section A (Compulsory) and any other TWO Questions in section B.***

SECTION A: 40 MARKS

- Define the following terms:
 - fishery technology.
 - Passive fishing gears
 - Active fishing gears(6 marks)
- Hunting for fish is younger than hunting for terrestrial animals. Explain this assumption. (4marks)
- While comparing the traditional and modern knowledge on fish technology illustrate how the advancement of technology has revolutionized fishing. (6 marks)
- State some of the factors taken into consideration in the design of fishery equipment. (5 marks)
- Describe how post-harvest losses are minimized in fisheries. (4 marks)
- Considering the size of Lake Victoria and Lake Baringo fishery, compare the status of fishery technology in the two lakes. (6 marks)

7. What is fish stock assessment and how important is it in fisheries management? (5 marks)
8. Outline some of the sources of raw materials for fish gear development (4 marks)

SECTION B: 30 MARKS

9. Provide a detailed account of the evolution of fishing gears. (15 marks)
10. Discuss factors affecting fishing gear design. (15 marks)
11. Describe some of the fishing gears used in fishing in Kenya. (15 marks)