



TECHNICAL UNIVERSITY OF MOMBASA
SCHOOL OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN FISHERIES AND OCEANOGRAPHY
BSFO 22S/ YEAR 4 /SEMESTER 1

AFO 4412: INLAND CAPTURE FISHERIES

SUPPLEMENTARY/SPECIAL EXAMINATION

SERIES: November 2024

TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

QUESTION ONE

a) Define the following terms as applied to inland capture fisheries:-

- i. Territorial use rights for fishers (TURFs) (1 mark)
- ii. Limited-entry systems (1 mark)
- iii. Effort rights (1 mark)
- iv. Index of Biotic Integrity (IBI) (1 mark)
- v. Aquatic canaries (1 mark)

b) List 5 major inland fisheries resources found in Kenya (5 marks)

c) State the socioeconomic and environmental importance of inland fisheries

d) Enumerate the most common government objectives for managing inland capture fisheries (5 Marks)

e) Name any 5 types of inland capture fisheries practiced throughout the world

(5 marks)

f) Highlight the role of small-scale inland fisheries (5 marks)

QUESTION TWO

Discuss the drivers influencing the yields of inland fisheries throughout the world (20 marks)

QUESTION THREE

Describe Key considerations for inland fisheries management (20 marks)

QUESTION FOUR

Explain the technics used to enforce inland capture fisheries rules and regulation (20 marks)

QUESTION FIVE

Describe the major governance threats and issues facing inland capture fisheries (20 marks)