



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER

MAIN EXAMINATIONS

COURSE CODE: SZL 328

TITLE: MARINE BIOLOGY

DATE: 27TH APRIL 2023

TIME: 9.00 – 11.00 AM

INSTRUCTIONS TO CANDIDATES

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 3 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

QUESTION ONE (30 MARKS) COMPULSORY

- a) Name the **Five Seas** in the world (5 marks)
- b) Distinguish between marine and fresh waters (5 marks)
- a) Briefly explain the main ways to mitigate ocean resources degradation. (5marks)
- b) Describe the effects of temperatures on marine life. (5 marks)
- Outline and explain the main types of mangroves on the Kenyan Coast. (5marks)

QUESTION TWO

Wetlands and under serious threats. Discuss (20 Marks)

QUESTION THREE

Write short notes on the following: -

- i. Chemical composition of marine water and their ecological significance.(10 Marks)
- ii. Estuarine ecosystem (10 Marks)

QUESTION FOUR

Discuss the ecology of sand and rocky habitats (20 Marks)

QUESTION FIVE

Describe how primary production is measured (20 Marks)