

**UNIVERSITY EXAMINATIONS****FIRST SEMESTER 2025/2026 ACADEMIC YEAR****THIRD YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE****ENSC 312: ENVIRONMENTAL RISK ASSESSMENT AND AUDIT*****STREAM: R******TIME: 2 HRS******DAY: FRIDAY [8.30 – 10.30 A.M]******DATE: 30/01/2026*****THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES****PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**

INSTRUCTIONS

- Answer Question **ONE** and another **TWO** questions.
- Question **One** is compulsory

QUESTION ONE (30 MARKS)

- Define environmental risk assessment. (3 Marks)
- What are legal environmental risk exposures? (5 Marks)
- Explain **five** (5) environmental risk management strategies. (5 Marks)
- Differentiate between environmental hazard and environmental disaster. (8 Marks)
- Briefly discuss **three** (3) historical timelines that have shaped environmental risk assessment today. (9 Marks)

QUESTION TWO

Discuss **four** (4) Environmental Risk management frameworks in use today. (20 Marks)

QUESTION THREE

Environmental Risk assessment process has **eight** (8) systematic steps to be followed. Discuss, briefly, the first four. (20 Marks)

QUESTION FOUR

- What is the role of risk assessment in occupational environments? (8 Marks)
- Briefly discuss **four** (4) potential environmental hazards that are likely to occur in the workplace. (12 Marks)

QUESTION FIVE

Using relevant examples, discuss **two** (2) major environmental risks that can occur in the non-occupational environments. (20 Marks)