



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

**CIVIL ENGINEERING, QUANTITY SURVEYING, WATER RESOURCES AND
IRRIGATION ENGINEERING, SURVEYING AND GEOMATICS, URBAN AND
REGIONAL PLANNING, VALUATION AND ESTATE MANAGEMENT,
CARTOGRAPHY AND GEOVISUALISATION, ARCHITECTURAL TECHNOLOGY**

**MODULE: Safety, Health, And Environmental
Management**

PAPER NO: 313/22/M01

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS
Answer booklet.

INSTRUCTIONS TO CANDIDATE

- 1. Answer any five questions.**
- 2. All questions carry equal marks.**
- 3. Begin each question on a new page.**

This paper consists of 3 printed pages.

QUESTION 1

- a) Classify hazards that are most common in workplaces and for class give three examples. (15 marks)
- b) Differentiate between incidents and accidents. (5marks)

QUESTION 2

- a) Describe the uses of the following first aid kit contents.
- i) Adhesive bandage
 - ii) Sterile / gauze pads
 - iii) Antiseptic wipes
 - iv) Adhesive tape
 - v) Scissors/ shears
 - vi) Tweezers
 - vii) Disposable gloves
 - viii) First aid manual
 - ix) Cold pack
 - x) Thermometer
- b) i) Define environmental degradation. (10marks)
- ii) State the agents of environmental degradation. (2marks)
- (8marks)

QUESTION 3

Write short notes on the following terms:

- a) Safety awareness (4marks)
- b) Personal protective clothing (4marks)
- c) Housekeeping (4marks)
- d) Health and safety surveillance (4marks)
- e) Risk Management (4marks)

QUESTION 4

- a) Outline the duties of the government, employer and employee at the workplace. (10marks)
- b) State the importance of protective clothing and equipment in promoting safety and health. (5marks)
- c) List types of protective clothing and equipment. (5marks)

QUESTION 5

Discuss the role of risk assessment in safety Health and Environmental Management and the steps followed to assess risks. (20marks)

.../dk