



ZIMBABWE

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

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

**IN
CONSTRUCTION ENGINEERING**

MODULE: Health And Safety

PAPER NO: 527/23/M08

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

Calculator

INSTRUCTIONS TO CANDIDATE

- 1. Answer any five (5) questions.**
- 2. Start each question on a new page.**
- 3. Do not write your name on the answer script.**
- 4. Each question carries 20 marks.**

PAPER NO: 527/23/M08- HEALTH AND SAFETY

QUESTION 1

- a) Discuss five (5) health and safety considerations when planning hoarding. (10 marks)
- b) Analyse and explain two (2) factors that influence the types of sites security required on a construction site. (10 marks)

QUESTION 2

Discuss the potential health risks associated with construction work including exposure to hazardous materials and noise. (20 marks)

QUESTION 3

Explain the importance of regular occupational health assessments in occupational health assessments in identifying health risks and preventing work related illness. (20 marks)

QUESTION 4

Explain the role of regulatory bodies in enforcing health and safety standards on construction sites. (20 marks)

QUESTION 5

- a) Explain one way in which NSSA promotes construction Industry in Zimbabwe. (5 marks)
- b) Explain three (3) health and safety requirements that are critical for a construction site. (15 marks)

QUESTION 6

A construction worker falls from a scaffold and suffers a serious injury. Analyse the potential causes of this accident and propose measures to prevent similar incidents in the future. (20 marks)

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