



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS FOR THE DIPLOMA IN CONSTRUCTION  
MANAGEMENT (TVET)**

**2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER 2022/2023 ACADEMIC YEAR**

**CENTRE: MAIN CAMPUS**

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**COURSE CODE: TDC 2221**

**COURSE TITLE: PROJECT SITE SAFETY, HEALTH AND SECURITY  
MANAGEMENT**

**EXAM VENUE: STREAM: Dip CONSTRUCTION MGT**

**DATE: ../12/2023 EXAM SESSION:**

**DURATION: 2 HOURS**

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**Instructions**

- 1. Answer all questions in section A (compulsory) and ANY other three questions in section B**
- 2. Candidates are advised not to write on question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

## **SECTION A (40 MARKS)**

**Answer all the questions in this section**

1. Define the following terms
  - a) Accident (1 Mark)
  - b) Safety (1 Mark)
  - c) Risk (1 Mark)
  - d) Occupational safety and health (2 Marks)
2. A code of conduct identifies the essential principles guiding professional conduct. List 4 instances that can cause a construction manager to be considered guilty of professional misconduct. (4 Marks)
3. Identify the government bodies that manage and inspect occupational health and safety in Kenya (3 Marks)
4. List 2 acts of parliament that are in place touching on occupational safety and health in Kenya (2 Marks)
5. The construction industry is one of the leading sectors in cases of accidents and injuries of workers. List 5 accident and illness hazards in the construction industry. (5 Marks)
6. Why is it important for an organization to have a health and safety policy in place? (3 Marks)
7. State 4 characteristics of a good health and safety policy (4 Marks)
8. Identify 4 types of security threats common in construction sites (4 Marks)
9. State 4 reasons why it is important to conduct site health and safety inspections (4 Marks)
10. You have been asked to prepare a checklist for conducting a safety examination on a construction site. What are some of the items you would have on your checklist? (4 Marks)
11. As a project manager, identify measures you would take to ensure your workers are operating in a healthy environment (2 Marks)

## **SECTION B (60 MARKS)**

**(Answer any THREE (3) questions in this section)**

12. Identify and describe the five (5) steps involved in conducting a risk analysis (20 Marks)

13. Various stakeholders have roles to play in ensuring health and safety is observed in the workplace. List these stakeholders and describe their roles. (20 Marks)
14. Construction site security is a critical aspect of a construction project. Describe ways in which you would address the risks and threats to security in a construction site. (20 Marks)
15. Describe the process of carrying out a site health and safety inspection (20 Marks)
16. The National Construction Authority act includes a code of conduct for the construction industry. Discuss what is considered acceptable conduct in relation to the various parties involved (20 Marks)