



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION, SEPTEMBER-DECEMBER 2022**

UNIT CODE: DCHP 212

UNIT NAME: Occupational Safety and Health

DATE : 7th December 2022

TIME : Two (2) Hours

Start: 9.00 AM Stop: 11.00 AM

Instructions

- 1) This paper has Section A and B
- 2) Answer **ALL** questions in Section A
- 3) For Section B, answer any two (2) questions of your choice
- 4) Use the university examination booklets provided. Do not write on the question paper
- 5) Write your student registration number on all your answer sheets

Read carefully the additional instructions preceding each section

SECTION A: SHORT ANSWER QUESTIONS (20 Marks)

Instructions: Answer all questions in this section.

1. Define the following terms as used in occupational safety and health: (4 marks)
 - a) Ergonomics
 - b) Hazard
 - c) Risk assessment
 - d) Occupational Illness
2. Outline FOUR reasons why Personal Protective Equipment (PPE) is usually considered as a last resort in control of workplace hazards (4 marks)
3. Briefly explain TWO causes of workplace accidents (4marks)
4. List FOUR purposes of fire drills (4marks)
5. State FOUR duties of the Health and safety Committee in a work place (4marks)

SECTION B: LONG ANSWER QUESTIONS (40 Marks)

6. Mrs. Kayleen, a Civil Engineering contractor has been awarded a contract to overhaul a storage system of a petrol station along Langata Road. The work entails replacement of underground tanks in phases such that the station does not close shop completely in order to keep loyal customers:
 - i. Using relevant examples discuss the following FIVE categories of occupational health hazards that she may likely to encounter. (10marks)
 - ii. Using the hierarchy of hazard prevention describe FIVE methods you can advise her to use in preventing the above categories of hazards (10marks)
7. The Occupational Safety and Health Act, 2007 (OSHA, 2007) provides for duties and responsibilities to different players in ensuring Safety, Health and Welfare at the Workplace. In View of this, Discuss:
 - i. FIVE duties of an occupier as prescribed by OSHA, 2007. (10 marks)
 - ii. FIVE Duties of Workers as prescribed by OSHA, 2007 (10 marks)
8.
 - i. Using relevant examples explain FIVE hazard identification techniques you can apply in a work place (15marks)
 - ii. Explain FIVE measures to be taken by international legislation to improve occupational safety and health (5 marks)