



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS**  
**BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT**  
**END OF JANUARY-APRIL 2023 SEMESTER EXAMINATIONS**

**UNIT NAME: HMD 228: OCCUPATIONAL HEALTH AND SAFETY**

**DATE: Tuesday 4<sup>th</sup> April 2023**

**TIME: 2 HOURS**

***INSTRUCTIONS:***

- 1. Answer any other two questions***
- 2. Do not write on the question paper***

## QUESTION ONE

1. Explain the following concepts as used in occupation health and safety:
  - i. Frostbite (2 marks)
  - ii. Trench foot (2 marks)
  - iii. Safety (2 marks)
  - iv. Safety Audits (2marks)
2. Outline the chronology of occupational health and safety in Africa. (6marks)
3. State four objectives of occupational safety and health. (4marks)
4. Briefly explain three occupational hazards that may occur in any workplace thus affecting its workers. (6 Marks)
5. Highlight four reasons why developing countries have not fully adhered to the provision of occupational health and safety in workplace. (4 Marks)
6. In the rural areas several cooks work in kitchen using fire wood thus, suffer from indoor air pollution. If employed as an occupational health and safety officer, briefly explain the four strategies you will employ to reduce the occupational hazards. (4 Marks)

## SECTION B: LONG ANSWER ESSAY QUESTIONS. ANSWER ANY TWO

(40 MARKS)

7. Discuss the principles of occupational safety and health as applied in Africa (20 Marks)
8. With examples, discuss the weaknesses and strengths of occupational safety and health laws in relation to its applicability in the workplace. (20 marks)
9. Discuss the reasons why over ten million people are affected by occupational and work-related diseases annually. (20 marks)