



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT**  
**BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND**  
**DEVELOPMENT**

**END OF SEMESTER EXAMINATION APRIL 2024**

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

**DATE:** April 2024

**TIME:** Two (2) Hours      Start                      Stop

**INSTRUCTIONS**

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B

***Read carefully the additional instructions preceding each section.***

## SECTION A: COMPULSORY (30 MARKS)

### QUESTION ONE

- a) Outline four basic elements of accident investigation at the workplace. (4 marks)
- b) Differentiate between prohibition notice and improvement notice in Occupational Safety and Health Act 2007. (4 marks)
- c) Highlight three prevention measures of occupational injuries. (3 marks)
- d) State any three general duties placed on employers by the Occupational Safety and Health Act 2007 in Kenya. (3 marks)
- e) List six major types of occupational hazards in health sector. (6 marks)
- f) Define the term ergonomics. (2 marks)
- g) Distinguish between active monitoring and reactive monitoring in occupational health and safety. (4 marks)
- h) Highlight four factors that can contribute to the implementation failure of an occupational health and safety policy. (4 marks)

## SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 MARKS)

### QUESTION TWO

Describe the general steps you can take to carry out occupational risk assessment at the workplace giving examples. (20 marks)

### QUESTION THREE

Analyze four common elements of all occupational health and safety management systems. (20 marks)

### QUESTION FOUR

Discuss any five ways in which you can promote the positive health and safety culture at the workplace. (20 marks)