



AMREF INTERNATIONAL TRAINING CENTRE

Qualification Code :

Qualification : Level 5

Unit Code :

Unit of Competency : Demonstrate Occupational Safety and Health Practices

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

This paper consists of THREE (3) printed pages

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing

SECTION A: (40 MARKS)

Answer ALL the Questions in This Section.

1. Define the following terms
 - a) Hazard (2Marks)
 - b) Risk management (2Marks)
2. Outline FOUR characteristics of a good Occupational Safety and Health policy (4Marks)
3. Company Z is involved in fabricating steel doors to be fitted in the housing project. Highlight FOUR reasons for hazard identification in the company (4Marks)
4. You have recently changed your job from the hospitality industry to work in the healthcare industry. Identify FOUR ways you may use to categorize hazards in the hospital. (4Marks)
5. Workplace inspections help prevent incidents, injuries and illnesses. Name TWO types of workplace inspections. (2Marks)
6. Risk Control involves deciding what needs to be done to eliminate or control the risks to health and safety. Identify FOUR Hierarchy of Risk Control that must be used to effectively minimize risks in the workplace (4Marks)
7. Accidents and injuries are common in poorly managed workplaces. Outline FOUR causes of common accidents in a workplace. (4Marks)
8. Occupation Safety and Health (OSH) Act 2007 safeguards both the employee and employer at the work place.
 - a) Name TWO rights an employee is entitled to under the OSH Act (2Marks)
 - b) Highlight TWO responsibilities THE employer has over the employee (2Marks)
9. The use of Personal Protective Equipment (PPE) is essential at the work place for ensuring employees safety. Outline FOUR types of PPE commonly used in workplace. (4Marks)
10. It is a requirement to maintaining accurate and up-to-date OSH records in the work place. Identify FOUR importance of maintaining OSH related records. (4Marks)
11. A factory with well-established Occupational safety and health (OSH) programs, procedures and policies is likely to be successful. Identify FOUR benefits of OSH programs, procedures and policies. (2Marks)

SECTION B: 60 MARKS)

Answer Any Three Questions in This Section

12. Hazards identification and safety can ensure a happy working environment and more productivity in the workplace.

a) Discuss **five** types of hazards that may be identified in the work place (10Marks)

b) Explain **five** steps that you may follow in hazards identifications (10marks)

13. Leather tanning is a highly hazardous activity and employees working are required to use variety of Personal Protective Equipment (PPEs) for risk management, health and safety practices.

a) Explain FOUR steps that you may take to minimize risk in the above industry (8marks)

b) Discuss SIX types of PPEs that may be used in the above industry. (12Marks)

14. The foreman in the standard gauge railway has reported an increase of accidents that have occurred due to various hazards, leading to employee injuries and operational disruptions. The project manager is concerned about workplace safety and is seeking to identify the key hazards present and implement effective contingency measures to ensure a safer work environment.

a) Describe FIVE key hazards that could be present in the construction site. (10 Marks)

b) Explain FIVE strategies that the foreman may use to reduce injuries in the construction site (10Marks)

15. Company XYZ is engaged in slaughtering, packaging and export of livestock products and the employees report in shifts due to the high demand of their products. However, several workers have been hospitalized with pneumonia and they believe that they have been affected by the cooling system they constantly work under.

a) Discuss FIVE roles the employer has over his employees (10Marks)

b) Describe FIVE prevention and control measures to minimize the vulnerability of the employees in the factory (10marks)