

**DEMONSTRATE OCCUPATIONAL AND HEALTH PRACTICES**

**Level 5**

**July/August 2024**



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION  
COUNCIL (TVET CDACC)**

**WRITTEN ASSESSMENT**

**TIME: 3 HOURS**

**INSTRUCTIONS TO CANDIDATES**

1. This paper has two sections: A and B
2. You are provided with a separate answer booklet.
3. Marks for each question are as indicated.
4. Do not write on the question paper.

**This paper consists of 4 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 questions in this section.*

1. Clearly define the following terms as used in Occupational Safety and Health:
  - i. Risk control
  - ii. Hazard identification
  - iii. Safety audit
  - iv. Hazard elimination. (4 Marks)
2. Outline FIVE reasons why it is important to report and document incidents, accidents, and near-misses in the workplace? (5 Marks)
3. Different work environments have various hazards, list any FOUR types of Occupational hazards in your workplace. (4 Marks)
4. Outline THREE fundamental rights of workers concerning occupational health and safety, according to the OSH act 2007. (3 Marks)
5. Health and Safety Audit of workplaces are conducted as a way of regularly checking if and how they are complying with requirements of the Occupational Safety and Health Act, 2007, as a safety officer outline FOUR ways you can collect information regarding safety in a work place. (4 Marks)
6. A specialized set of clothing, gear, or equipment worn by workers to protect them from potential hazards and risks in the workplace. Outline FOUR types of these equipment. (4 Marks)
7. Administrative controls play a crucial role in promoting safe work practices and minimizing exposure to hazards. Outline THREE examples of administrative controls that can be implemented in the workplace. (3 Marks)
8. List FOUR factors that should be considered when selecting appropriate Personal Protective Equipment for a specific job or task. (4 Marks)
9. All employers are obligated to ensure staff are trained in workplace emergency procedures, list FOUR contingency measures that an employee may use in case of any emergency. (4 Marks)
10. Fostering a culture of safety is essential for promoting a safe and healthy work environment. List FIVE measures employers can take to cultivate a strong safety culture within their organization. (5 Marks)

**SECTION B (60 MARKS)**

*In this section, attempt question 11 and any other TWO questions.*

11. You are a safety manager at a Tumaini Industries that produces chemical products. During a routine inspection, you identify several potential hazards, including the presence of flammable chemicals, inadequate ventilation systems, and instances of improper use of personal protective equipment (PPE) by workers. Additionally, you receive complaints from workers about prolonged work hours and a lack of regular breaks, which may contribute to fatigue and increased risk of accidents.
- Develop a comprehensive action plan to address the identified hazards and concerns at Tumaini Industries . (10 marks)
  - Explain any FIVE Consequences that Tumaini Industries would face if the action plan is not implemented. (10 marks)
12. In a company XYZ you are the fire safety officer and you have been requested to make a presentation to new employees and some visitors on fire safety in your company.
- Discuss the FIVE classes of fire and state examples of materials that causes each respective type of fire. (10 marks)
  - Describe FIVE types of fire extinguishers and state the type of fire each extinguisher is used for. (10 marks)
13. One of the key tasks of a safety officer is to train other workers on how to observe various causes of hazards and to keep safe while working. Discuss TEN causes of hazards encountered in a work place and in each state how you would mitigate them. (20 Marks)
14. The Diagram Below represent some symbols used in Occupational Safety and Health

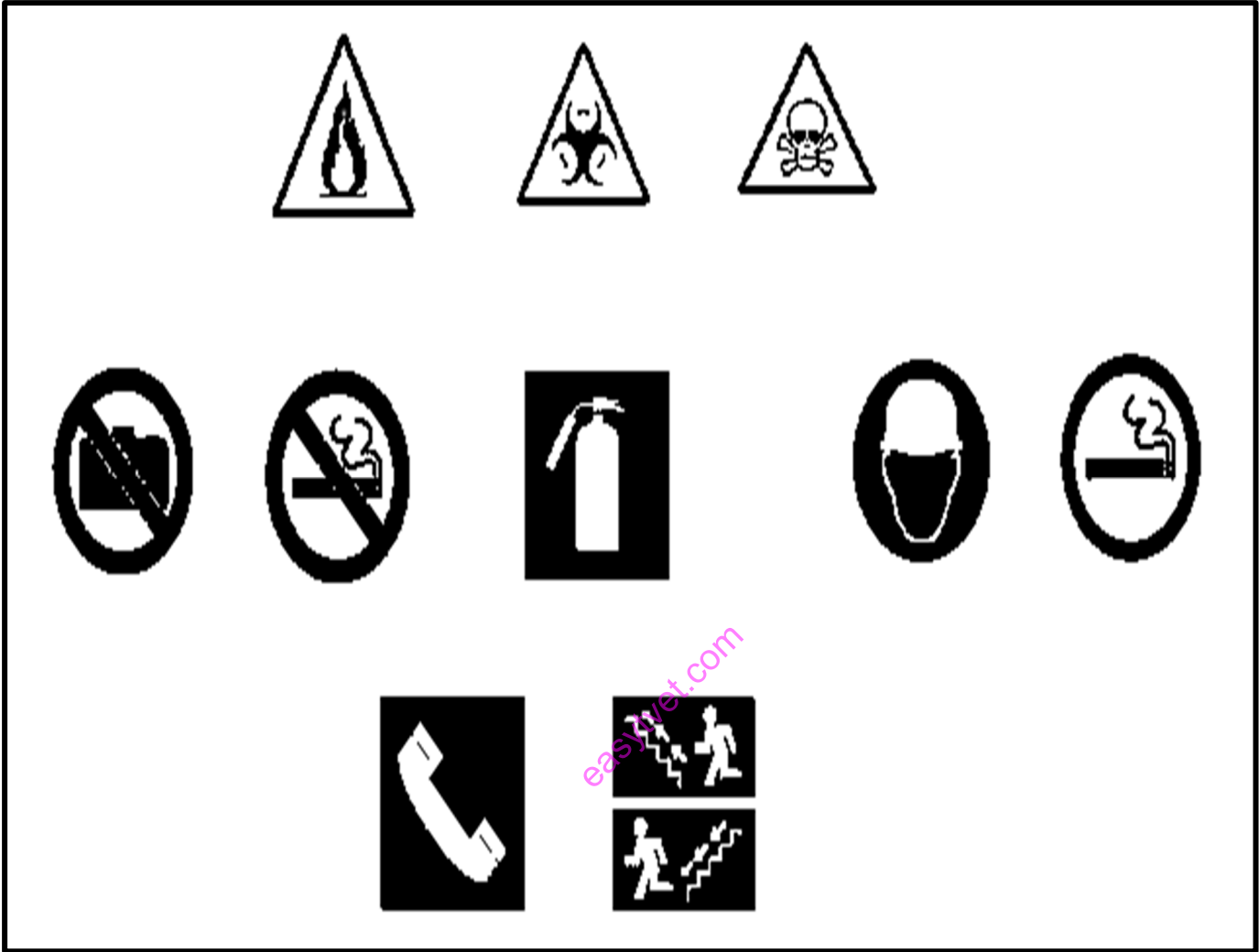


Figure 1: OSHA Symbols

- a. Describe the FIVE Categories of signs in the Diagram above (10 marks)
- b. Explain FIVE importance of having these signs in the workplace. (10 Marks)

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