

Level 6

Demonstrate Occupational Safety and Health Practices

March/ April 2025



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

CANDIDATES TOOL

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. This paper consists of TWO sections: A and B.
2. Answer **ALL** questions in section A.
3. Answer question **ELEVEN (11)** and any other **TWO (2)** questions in section B.
4. Marks for each question are indicated in the brackets.
5. Candidates are provided with a separate answer booklet
6. Do not write on the question paper.

This paper consists of FOUR (4) printed pages

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

SECTION A:(40 MARKS)

Attempt ALL questions in this section.

1. Clearly define the following terms as used in Occupational Safety and Health:
 - a) Risk control (1 Mark)
 - b) Hazard identification (1 Mark)
 - c) Safety audit (1 Mark)
 - d) Hazard elimination (1 Mark)
2. List 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. State FOUR types of Occupational hazards in the workplace. (4 Marks)
4. State THREE fundamental rights of workers as per 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, List FOUR ways you can collect information regarding safety in the work place. (4 Marks)
6. Personal protective equipment is a set of clothing or gear worn by workers to protect them from potential hazards and risks in the workplace. Name FOUR types of these equipment. (4 Marks)
7. Administrative controls play a crucial role in promoting safe work practices and minimizing exposure to hazards. List THREE examples of administrative controls that can be implemented in the workplace. (3 Marks)
8. State FOUR factors that should be considered when selecting appropriate Personal Protective Equipment for a specific task. (4 Marks)
9. All employers are obligated to ensure staff are trained in workplace emergency procedures. List FOUR contingency measures used in case of any emergency. (4 Marks)
10. Fostering a culture of safety is essential for promoting a safe and healthy work environment. State FIVE measures employers can take to cultivate a strong safety culture within their organization. (5 Marks)

SECTION B: 60 MARKS)

Attempt Question 11 and any other TWO questions

11. You are a safety manager at 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.
- a) Explain FIVE types of risks that the above listed hazards pose to workers of Tumaini Industries. (10 Marks)
 - b) Explain any FIVE consequences that Tumaini Industries could face if these safety issues remain unaddressed. (10 Marks)
12. As a fire safety officer, you have been requested to make a presentation to new employees and some visitors on fire safety in your company.
- a) Explain FIVE classes of fire (10 Marks)
 - b) Describe FIVE types of fire extinguishers (10 Marks)
13. Workplace hazards can pose significant risks to the safety and health of the employees, affecting their productivity and wellbeing. to address these risks it is important to identify their causes and implement effective mitigation measures.
- a) Explain FIVE causes of hazards encountered in a work place. (10 Marks)
 - b) Explain FIVE. Mitigation measures that can be implemented in a workplace (10 Marks)

14. The figure below shows some signs and symbols used in Occupational Safety and Health

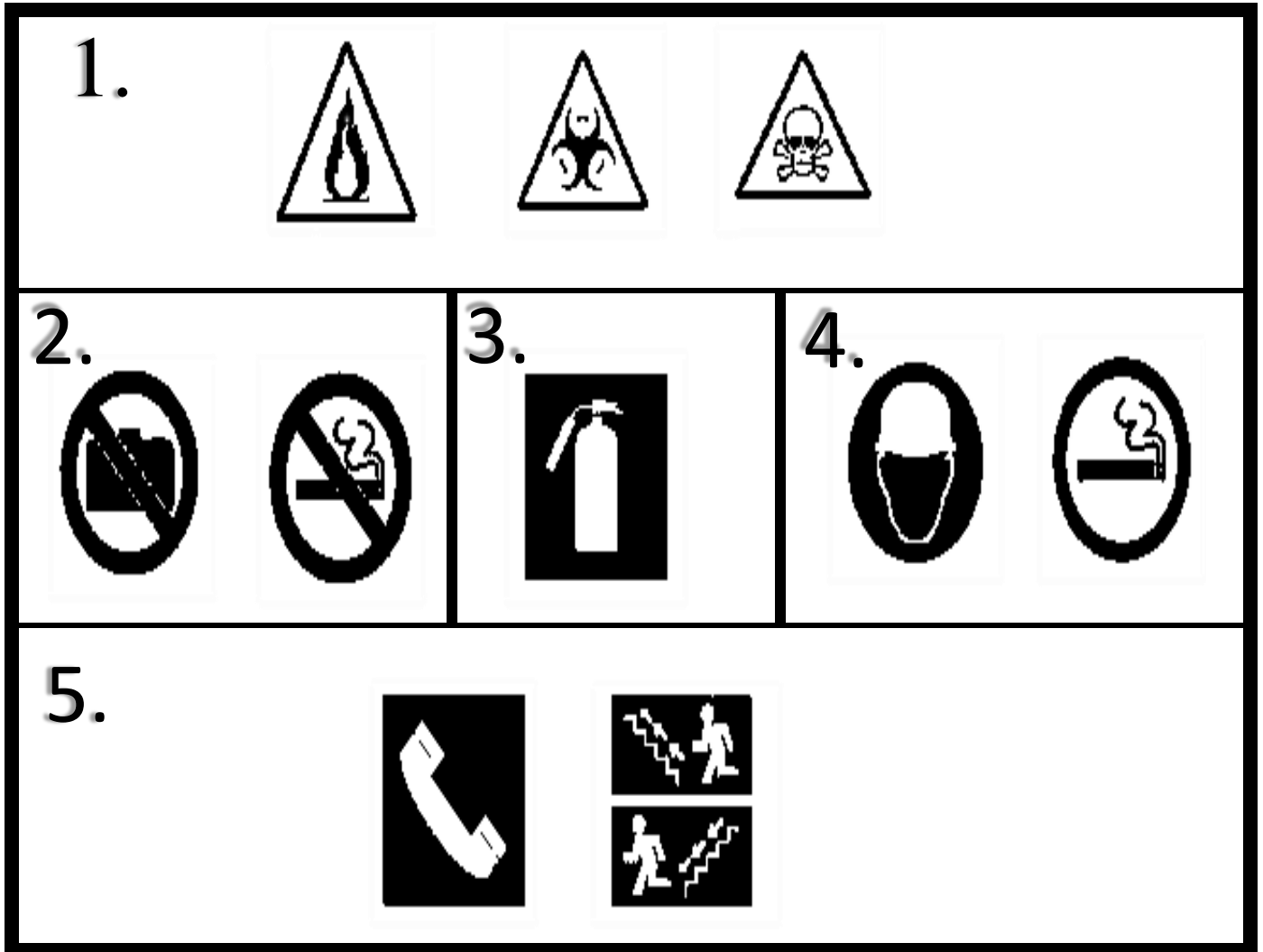


Figure 1: OSHA Symbols

- a) Describe the FIVE categories of signs in the figure above. (10 Marks)
- b) Explain FIVE benefits of having these signs in the workplace. (10 Marks)