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**LEVEL 6****Demonstrate Occupational Safety and Health Practices****July/August 2025**

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Date: 24.07.2025 07:28 AM**TVET CURRICULUM DEVELOPMENT, ASSESSMENT COUNCIL  
(TVET CDACC)**Printed By: College  
Date: 24.07.2025 07:28 AM**WRITTEN ASSESSMENT**

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**TIME: 3 HOURS****INSTRUCTIONS TO CANDIDATE**

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

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**This paper consists of FOUR (4) printed pages.****Candidate should check the question paper to ascertain that all pages are printed as**

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**indicated and that no questions are missing**

**SECTION A (40 MARKS)****Answer ALL questions in this section.**

1. Define the term **occupational safety and health**. (3 Marks)  
 a) Risk  
 b) Safety audits  
 c) Work safety  
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2. Documentation helps in monitoring, managing and improving workplace safety. State FOUR occupational safety and health records that should be kept at workplace. (4 Marks)  
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3. All stakeholders have roles to play in maintaining safe and healthy work environment. Identify FOUR responsibilities of employees in ensuring safety of their safety and that of others at workplace. (4 Marks)
4. Hazard is anything that has a potential to cause harm and injury. State FOUR types of occupational hazards at work place. (4 Marks)
5. Collecting information regarding safety involves a systematic approach of identifying hazards, evaluating risks and implementing preventive measures. List FOUR ways of collecting information at work place. (4 Marks)  
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6. Personal protective equipment (PPEs) is a set of clothes or gears worn by workers to protect themselves from potential hazards and risk at work. State FOUR types of PPEs. (4 Marks)  
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7. Mitigation measures at workplace are actions taken to prevent accidents, reduce risks and promote occupational safety and health practices. List FIVE preventive measures that can be implemented in a workplace. (5 Marks)  
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8. In case of a fire outbreak alert, all occupants of the building must report to the fire assembly points. List FOUR importance of having a fire assembly point. (4 Marks)  
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9. Proper selection of Personal Protective Equipment (PPE) ensures worker safety when handling technical or hazardous tasks. State FOUR factors to be considered when selecting appropriate PPE for a specific job. (4 Marks)  
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10. Safety drills and simulations at workplace require a careful planning and execution. State FOUR preparations made before conducting emergency drill and simulation. (4 Marks)  
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**SECTION B (60 MARKS)****Attempt Questions ELEVEN (11) and any other TWO (2) questions in this section.**

11. Over the past year, there an increase in workplace injuries, including slips, falls, and machine-related incidents at AX mango processing plant. Management recognized the need to improve occupational safety and health (OSH) standards to protect employees and comply with requirements. The challenges identified include high Injury Rates, poor safety culture, inadequate Training, faulty Equipment and PPE was not consistently used. The interventions put in place to minimize accidents and near miss included risk assessment and hazard control, safety training, PPE enforcement and ergonomics and incident reporting system with safety committee appointed to address issues reported. After implementation of the interventions, the company realized 50% reduction in workplace injuries, improved employee morale and participation in safety programs, compliance with OSHA standards achieved and 20% increase in productivity due to fewer work disruptions.

- a) Discuss how the FOUR intervention measures addressed the initial challenges and contributed to the positive outcomes. (8 marks)
- b) With TWO points, justify the role of management commitment in the success of processing plant's occupational safety and health program. (2 marks)
- c) Describe FIVE hazard control methods the process ly implemented to minimize or remove risks. (10 Marks)

12.

- a) A cciron several hazardous work environmental conditions. Explain FIVE factors that increases hazards and risks encountered in a workplace. (10 Marks)

- b) Safety signs are visual tools used to communicate important safety information quickly and clearly in or maintain a safe working environment. Explain FIVE benefits of having safety signs in a work place. (10 Marks)

13.

- a) Fires are classified into different classes based on the type of fuel involved. Discuss FIVE classes of fire giving an example of fuel involved in combustion. (10 Marks)
- b) Fire extinguishers are essential safety devices designed to combat specific types of fires. Describe FIVE types of fire extinguishers. (10 Marks)

14.

a) Contingency measures are plans, actions and strategies prepared in advance to deal with unexpected emergencies. Discuss FIVE contingency measures used in case of an emergency. (10 Marks)

b) Accidents and near-misses should be reported to the immediate supervisor for recording. Explain FIVE importance of reporting accidents and near-misses.

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(10 Marks)

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