

Printed Technical And Vocational College

Date: 24.07.2025 07:31 AM

LEVEL 5**Demonstrate Occupational Safety and Health Practices****July/August 2025**

Printed Technical And Vocational College

Date: 24.07.2025 07:31 AM

Printed And Vocational College Date: 24.07.2025 07:31 AM



Printed By: Technical And Vocational College Date: 24.07.2025

07:31 AM

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

Technical And Vocational College

Date: 24.07.2025 07:31 AM

Time: 3 HOURS**INSTRUCTIONS TO CANDIDATE**

Printed By Vocational College

Date: 24.07.2025 07:31 AM

1. This paper consists of **TWO** sections: **A** and **B**.
2. Attempt **ALL** questions in section A.
3. Attempt **Eleven (11)** in Section A and any **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.

Printed By: Technical And Vocational College
Date: 24.07.2025 07:31 AM

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

Printed By: Technical And Vocational College Date: 24.07.2025
07:31 AM

Printed By: Technical And Vocational College Date: 24.07.2025 07:31 AM

This paper consists of FOUR (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)

Attempt ALL the questions in this section.

1. Risk assessment formation of safety management at workplaces. Define the term risk assessment as used in occupation safety and health. (2 Marks)
2. Understanding the types of occupational hazards helps in managing risks within the workplace. List FOUR types of workplace occupational hazards. (4 Marks)
3. Compliance with workplace safety rules and regulations helps reduce incidents and promote a culture of safety in the workplace. Identify FIVE rules and regulations that must adhered to at a workplace. (5 Marks)
4. Proper selection of Personal Protective Equipment (PPE) ensures worker safety when handling hazardous tasks. State FOUR factors considered when selecting the appropriate PPE for a specific job. (4 Marks)
5. A safety culture improves operational efficiency and reduces risks in workplaces. List FIVE measures that employers can take to cultivate a strong safety culture within their organization. (5 Marks)
6. It is the duty of employers to regularly train employees on Occupational Safety and Health (OSH) principles. State FOUR benefits of OSH training in the workplace. (4 Marks)
7. In hazardous workplaces, periodic medical examination is needed. List FOUR importance of periodic medical examination to the workers. (4 Marks)
8. Ergonomic hazards often arise in working environments due to poorly designed workspetitive tasks. State FOUR ways of reducing ergonomic hazards at the workplace. (4 Marks)
9. The safe storage of hazardous materials minimizes chemical and physical risks in laboratories and industrial workplaces. Identify FOUR factors considered during storage of hazardous materials. (4 Marks)
10. Keeping detailed Occupational Safety and Health (OSH) records helps organizations monitor safety trends and comply with legal obligations. List FOUR types of records rela (4 Marks)

SECTION B (60 MARKS)

Attempt Question ELEVEN (11) and any other TWO questions in this section.

11. PAU food processing, medium-sized factory with 150 employees with a designated first aid team and regularly conducts first aid training for staff. During a routine shift, a worker, Mr. Sharma, suffered a deep cut on his forearm while operating machinery. He was bleeding heavily and in pain. The following actions were taken by a coworker:

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

- i. Immediate Action – A nearby coworker, trained in first aid, quickly turned off the machine and assessed the injury.
- ii. Bleeding Control – The coworker applied direct pressure using a clean cloth and elevated Mr. Sharma's arm to reduce blood flow.
- iii. Wound Care – Once bleeding slowed, the wound was cleaned with sterile saline and covered with a sterile dressing.
- iv. Professional Help – The first aider alerted the workplace safety officer, who arranged for an ambulance. Mr. Sharma was taken to the hospital for

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

stitches and further care.

Thanks to prompt first aid, Mr. Sharma's injury was stabilized before medical help arrived. He recovered fully and returned to work after a week.

- a) Discuss the role of each action in the first aid response. (8 Marks)
- b) Explain FIVE ways in which workplaces can ensure better preparedness for medical emergencies like this one. (10 Marks)
- c) Suggest methods the plant can put in place to prevent future incidents. (2 Marks)

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

12.

- a) Fire in the workplace can arise from different materials, each requiring a specific response method. Discuss. (10 Marks)
- b) In company XYZ, there has been frequent reporting of accidents and near-misses by employees. As the newly appointed safety committee chair, explain FIVE measures of safety that you will propose for introduction. (10 Marks)

Printed By: Technical And Vocational College

Date: 24.07.2025 07:31 AM

13.

- a) Emergencies demand prompt and coordinated actions to protect lives and property.

Printed By: Technical And Vocational College
Date: 24.07.2025 07:31 AM
Explain FIVE m that should be taken in case of an emergency. (10 Marks)

- b) You have recently been employed as the supervisor of a company. One of your roles is to conduct risk assessment in your workplace. Discuss FIVE steps to you will follow when conducting risk assessment. (10 Marks)

14.

Printed By: Technical And Vocational College
Date: 24.07.2025 07:31 AM

- a) Worker rights are central to building a safe and healthy workplace culture in technical and industrial sectors. List FOUR funda of workers

concerning Occupational Health and Safety, according to the OSH act 2007.

(4 Marks)

- b) Organizations at all-time need to prepare for emergencies and accidents. Discuss FOUR contingency measures used to address hazards. (8 Marks)

- c) A conducive workplace environment contributes to employee well-being and productivity. Explain FOUR indicators of a conducive workplace environment.

Printed By And Vocational College Date: 24.07.2025 07:31 AM

(8 Marks)