

LEVEL 5

Demonstrate Occupational Safety and Health Practices

July / Aug 2023



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

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATE

1. This paper has THREE sections A, B and C.
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 7 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: (20 MARKS)

In this section, each question carries one (1) mark. Attempt all questions in this section.

1. Which of the following is a chemical hazard?
 - A. Light
 - B. Fumes
 - C. Viruses
 - D. Temperature
2. Identify ONE source of ergonomic hazards in the workplace.
 - A. Fatigue
 - B. Improper seating and workstation design
 - C. Back problems
 - D. Improper disposal of waste
3. All organizations must have first aid kits that are available to _____.
 - A. Health and safety officers only
 - B. All staff
 - C. All persons over the age of 18
 - D. A qualified first aider only
4. An employee who spots a risk in the workplace should?
 - A. Ignore the risk
 - B. Report it to the health and safety officer
 - C. Report it to a supervisor
 - D. Make it safe before management sees
5. Which one of the following is not a contingency measure in controlling hazards?
 - A. Engage personnel
 - B. Decontamination
 - C. Explosions
 - D. Isolation
6. Identify a risk or an incidence that may occur in a workplace.

- A. Accident
 - B. Injuries
 - C. Design control
 - D. Toxic emissions
7. Which one of the following is an administrative control measure applied in an organization?
- A. Assist workers in safe work practices
 - B. Training
 - C. Wearing of Personal Protective Equipment
 - D. Good house-keeping
8. Select the correct set of Occupational Safety and Health related record.
- A. Accident report, hazard report and incident register
 - B. Accident report, work permit and hazard report
 - C. Work permit, admission report and incident register
 - D. All of the above
9. The main objective of risk assessment is _____.
- A. To evaluate hazard and minimize the risks
 - B. Remediation of contaminated sites
 - C. Hazard management
 - D. To know source of pollutants
10. Under Occupational Safety and Health Act, employers are responsible for providing a _____.
- A. Safe workplace
 - B. Land
 - C. Insurance
 - D. Estimation
11. Which one of the following is a hazard control measure in a working environment?
- A. First aid

- B. Reporting accidents
 - C. Wearing of Personal Protective Equipment (PPE)
 - D. Treatment
12. Occupational Safety and Health Act ensures that employees have been provided with _____.
- A. Job
 - B. Personal Protective Equipment
 - C. Insurance
 - D. Security
13. Which of this best describes 'the likelihood of an incident occurring'?
- A. Risk
 - B. Hazard
 - C. An event
 - D. An episode
14. Who should one notify right away about an accident?
- A. The immediate supervisor.
 - B. The government's Health and Safety Inspection Service.
 - C. The medical department.
 - D. Your friend.
15. Identify the first step to take when conducting a risk assessment.
- A. Evaluate the risk
 - B. Identify the hazards
 - C. Review your findings
 - D. Update risk assessments
16. What is the best way to avoid tripping at the workplace?
- A. Make sure the floor is uneven
 - B. Have the floor cleaned extra often
 - C. Make sure the workplace is tidy
 - D. Use a walking stick
17. Why should accidents in the workplace be reported?
- A. To prevent a similar accident in the future

- B. Reduce levels of paperwork
 - C. Check whether staff are carrying out their duties or not.
 - D. To enable staff to learn from their mistakes
18. The accident book is a legal document that describes _____.
- A. How an organization should deal with accidents
 - B. Risk assessments and safety rules
 - C. The details of an accident in an organization
 - D. First aid requirements of the workplace
19. What rule applies to the use of protective clothing?
- A. Replace your clothing once a year
 - B. Immediately repair or replace torn/worn clothing
 - C. Immediately replace torn/worn clothing at your own cost
 - D. Replace your clothing once every month
20. Why should near misses be reported?
- A. To educate employees
 - B. To test the first aider
 - C. To ensure complete recovery
 - D. To stop a more serious event occurring

SECTION B: (40 MARKS)

Attempt all questions in this section.

21. State FOUR components of an incident register. (4 Marks)
22. List FOUR indicators of hazards and risks at a workplace. (4 Marks)
23. Name FOUR components of evaluation and work environment measurements of Occupational Safety and Health hazards existing in the workplace. (4 Marks)
24. Outline FOUR responsibilities of an employee as per Occupational Safety and Health Act. (4 Marks)
25. Mention FOUR Personal Protective Equipment (PPE) used at workplace. (4 Marks)
26. Highlight FOUR emergency procedures that can be used to address hazards. (4 Marks)
27. Name FOUR legal responsibilities of an employer with regards to health and safety. (4 Marks)
28. Identify FOUR major control measures to risks and hazards. (4 Marks)
29. State FOUR ways of reducing ergonomic hazards at workplace. (4 Marks)
30. List FOUR classes of fire and their corresponding type of fire extinguisher. (4 Marks)

SECTION C: (40 MARKS)

Attempt any TWO questions in this section.

31.

- a) Ergonomic risk factors are workplace situations that can cause wear and tear on the body and can cause injury. Describe FIVE ergonomic factors that can cause these risks and hazards. (10 Marks)
- b) Safety rules or posters in a workplace may turn into worthless if they are not backed up by a safety program. Explain FIVE essential components of a safety program. (10 Marks)

32.

- a) To help prevent accidents, one should conduct a Hazard Identification, Risk Assessment and Control, otherwise known as HIRAC. Describe the steps followed when conducting HIRAC. (12 Marks)
- b) Explain FOUR types of hazards that may arise in a workplace. (8 Marks)

33.

- a) Risk control is the set of methods by which firms evaluate potential losses and act to reduce or eliminate such threats. Discuss FOUR control measures used to minimize the risks. (8 Marks)
- b) You have recently been appointed as the first safety committee chairperson for your organization. Each year, work-related accidents occur at your workplace and as a new chairperson, you are concerned about these issues. Explain SIX measures that you will take to address these accidents. (12 Marks)

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