



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

WRITTEN ASSESSMENT

Qualification Code: **XXX**

Qualification: Agricultural Extension Level 6, Agripreneurship Level 6, Building Technician Level 6, (Power Option), Horticulture Production Level 6, HRM Level 6, ICT Technician Level 6, Marketing Level 6, Project Management Level 6, Supply Chain Management Level 6, Business Management Level 6, Construction Management Level 6, Automotive Engineering Level 6, Mechanical Production Technician Level 6, Mechatronics Level 6 and Electrical Engineering Level 6 (Power Option),

Unit Code: **XXX**

Unit Title: **Demonstrate Occupational Safety and Health Practices**

Instructions to the Candidate:

- i. You have **TWO HOURS** to attempt all the questions
- ii. Marks for each section are indicated in the brackets
- iii. The paper consists of **TWO** sections: **A, B** and **C**.
- iv. You are required to provide your responses in this question paper.

Name of the Candidate:

Registration Code of the Candidate:

Date:

Signature:

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Section A (20 marks)

QUESTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total Score
Mark(s)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Score																					

Section B (30 marks)

QUESTION	21	22	23	24	25	26	27	28	29	Total Score
Mark(s)	5	6	4	2	4	2	2	2	3	30
Score										

Section C (50 marks)

QUESTION	30	31	32	Total Score
Mark(s)	18	20	12	50
Score				

OVERALL SCORE (Section A, B and C) (100 marks)

SECTION	Section A	Section B	Section B	OVERALL SCORE
Mark(s)	10	40	50	100
Score				

SECTION A: [10 MARKS]

Encircle the correct answer.

Each question carries one (1) mark.

1. Which essential action would you take immediately you discover fire in your work station?
 - A. Open all doors and windows
 - B. Look for supervisor to report
 - C. Ensure your safety
 - D. Call for help
2. Firefighting involves eliminating any of the following.
 - A. Nitrogen
 - B. Oxygen
 - C. Argon
 - D. Water vapour
3. Flashpoint is the temperature at which a material _____?
 - A. Sparks visible light
 - B. Give off some vapours that can be ignited.
 - C. Evaporate to form an aqueous mist and burn
 - D. Form an extinguishing substance
4. Risk assessment helps in?
 - A. Reporting for accidents
 - B. Organising working hours
 - C. Minimising risk in the working environment
 - D. Conducting first aid
5. Under the occupational Safety and health Act 2007, the following have a duty to work safety.
 - A. Employers only
 - B. Employees only
 - C. General public
 - D. All people at work
6. The aim of First Aid does include?
 - A. To preserve life.
 - B. To prevent more dangers from coming.
 - C. To promote recovery.
 - D. To prevent the condition from worsening

7. Regular health and safety inspection in workplace are significant because?
- A. To check that all workers are present
 - B. To prepare for NEMA inspector
 - C. To check if everyone is doing their work
 - D. To check whether the working environment is safe
8. Housekeeping entails?
- A. Maintain employees working time sheets
 - B. Maintain straight walkways
 - C. Maintaining safety signs and warnings
 - D. Keeping work area neat, organised and free of hazards and waste
9. What do you wear to protect yourself from inhaling fumes in the workplace?
- A. Face shield.
 - B. Filter mask.
 - C. Goggles
 - D. Suction mask
10. Workplace safety procedures involves_____?
- A. Principles governing actions intended to lower cases of accidents that leads to injuries and loss of production.
 - B. measures put in place to have an appealing look in the workstation.
 - C. Regulations put in place to have a good arrangement in the work area to prevent strangers.
 - D. None of the above
11. Why do we use hazardous materials?
- A. So that they can harm other people.
 - B. Because they need to use them to prevent them from being hazardous to the world.
 - C. Because these materials have their specific use in solving a certain human problem/need.
 - D. All of the above.
12. What does the sign below mean?



- A. Hazard/warning plate
- B. Do not cross here
- C. Moving machine parts.

D. Stop! Check sideways.

13. The operational pictogram below illustrates on?



- A. Operating range
 - B. Beyond this point there is an object
 - C. No entry
 - D. Enclosed area
14. The purpose of environmental legislation is to?
- A. Regulate the production hazardous substances.
 - B. Specify the methods to be used for storing hazardous
 - C. Protect humans and environment against hazardous substances.
 - D. Guide on evaluation and monitoring protocols.
15. Which one of the following is not a safety control measure?
- A. Prevention measures
 - B. Protection measures
 - C. Mitigation measures
 - D. Rapid reactionary measures.
16. _____ is the main cause of tripping in the work area.
- A. Too little light
 - B. Dusty floor
 - C. Loose objects on the work floor
 - D. Poor visibility
17. The purpose of CPR is to?
- A. Maintain oxygenated blood circulation
 - B. Stop severe bleeding
 - C. Prevent infections from open wounds
 - D. Allow blood flow to the head
18. Where should a fire assembly point be located?
- A. Be located outside walk ways
 - B. Be accessible and clear off lights

- C. Be nearby and within sight of emergency services
 - D. Be located in a designated safety room
19. Which of the following is not risk analysis activity?
- A. Identification of hazards present in the workplace and work environment;
 - B. Identification of hazards discovered in previous risk management;
 - C. Identification of potential consequences of the recognized hazards – risks, i.e. the potential causes of injury to workers, a work accident, an occupational disease or a work-related disease.
 - D. Identification of hazards carriers in the workplace.
20. Identify a good handling technique that can be adopted by a worker required to lift load from the ground.
- A. Lift using back muscle and knee straight
 - B. Adopt a good posture with back straight and knee bent
 - C. Position the feet and keep the load close to the head
 - D. Twist the body, feet not moving.

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SECTION B: (30 MARKS)

21. A new intern could not identify safety rules in your workplace. Enlighten the intern on any **FIVE** applicable safety rules within work area. (5 marks)

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22. Occupational Safety and Health Act 2007 places some obligation the employee. As an employee of a given organisation, give **THREE** such obligations (6 marks)

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23. What are the **FOUR** main expectations of an employer as far as occupational safety and health practices are concerned? (4 marks)

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24. What is the significance of investigating the effectiveness of safety measures put into place in an organization? (2 marks)

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25. Job safety analysis is the first step in developing the correct workplace procedure. As the safety coordinator in your organisation, outline **FOUR** steps to be followed to establish work safety procedures. (4 marks)

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26. Give any **TWO** objectives of workplace safety? (2 marks)

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27. Identify any **two** hazards associated with machines in your field of work. (2 marks)

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28. As a safety manager in your production unit, how do you ensure accidents are prevented in your work area? (2 marks)

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29. Identify **THREE** items that are related to health and safety that should be included during a new employee orientation. (3 marks)

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SECTION C: (50 MARKS)

30. a) You have been invited to train staff by a given institution on workplace safety. Explain **FOUR** relevant sources you would harness to the required information. (8 marks)

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b). In a workplace, one is likely to encounter some hazards. Give brief description of any **FIVE** classes or categories of these hazards. (10 marks)

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