

LEVEL 4

Demonstrate Occupational Safety and Health Practices

Nov/Dec 2024



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

WRITTEN ASSESSMENT

Time: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of two sections; **A** and **B**
2. Answer **ALL** the question as guided in each section
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet to answer the questions
5. Do not write in this question paper

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 (10 MARKS)

Answer ALL questions in this section. Each question carries one mark.

1. A worker has used the last pair of gloves in the box. She looks everywhere and there are no more gloves available. Which action should she take under internal responsibility system?
 - A. She should carry out the duty without gloves.
 - B. She should write the lack of gloves to his supervisor right away.
 - C. She should write a complain to the joint health and safety committee.
 - D. She should wait until next month's Health and safety meeting to report the lack of gloves.
2. In order to minimise the seriousness of an accident, emergency plan should be provided. Which of the following is a determinant factor in the location of emergency stops?
 - A. Speed and ease of operation
 - B. Common sense of workers
 - C. Nearest exit and checkpoints
 - D. Supervisors and decision-makers
3. Which of the following is the best way to protect an employee operating a noisy machine?
 - A. Allow the machine to only be used for short periods of time
 - B. Provide a pair of ear defenders
 - C. Reduce or eliminate noise from the machine
 - D. Shout loudly at them when they do something wrong
4. _____ are the actions you put in place to reduce risk and prevent harm.
 - A. Boolean measures
 - B. Control measures
 - C. Stringent measures
 - D. radioactive measures
5. Which one of the following is not a fire extinguisher used for extinguishing petroleum fires?
 - A. Water
 - B. Foam
 - C. Carbon iv oxide
 - D. Sand

6. In order to ensure safety during fire emergency, it is good to understand the factors that support fire so that you do not try to stop fire using elements that will worsen the situation. Which one of the following gases supports burning?
- A. Oxygen
 - B. Carbon(iv)oxide
 - C. Hydrogen
 - D. Nitrogen
7. The pictogram below shows that the material is _____.



- A. irritative
 - B. Explosive
 - C. Radioactive
 - D. Bio-hazard
8. Who should you notify always about accident?
- A. Immediate supervisor
 - B. The department of occupational health as safety
 - C. Medical department
 - D. The county NEMA officer
9. In practical terms, _____ is often associated with a condition or activity that, if left uncontrolled, can result in an injury or illness.
- A. a risk
 - B. an incident
 - C. an accident
 - D. a hazard
10. Which one of the following resources outside the workplace will help you find information on safety and health issues?
- A. Labels and warning signs on machines
 - B. OSHA website and links
 - C. Employee orientation manuals
 - D. Standard operating procedures

SECTION B (40 MARKS)

Answer ALL questions in this section.

11. It is advisable to dispose wastes generated correctly for clean and safe work environment to all. State FOUR advantages of doing waste segregation. (4 marks)
12. You have decided to start a business. The machine you are using for production generates dust and is very noisy. Identify FOUR personal protective equipment you will buy for your employees. (4 marks)
13. When handling hazards in a workplace, there is an existing hierarchy of control measures from the most to the least effective. Explain TWO risk control measures in the hierarchy. (4 marks)
14. In an emergency of fire in a workplace, describe FOUR procedural steps involved in handling the incident. (4 marks)
15. Different safety emergency, can affect humans differently. Enumerate FOUR common health risks associated with workplace hazards. (4 marks)
16. An emergency poses an immediate risk of significant harm to health, life, property or the environment. Identify FOUR common emergencies you may encounter in all workplaces. (4 marks)
17. First aid is always the first thing done to victims of accidents. Explain FOUR reasons why first aid is important to the victims of workplace injuries. (4 marks)
18. Write the colour code for each of the following fire extinguishers. (4 marks)
 - a. Water
 - b. Carbon (iv) oxide
 - c. Dry powder
 - d. Foam
19. To ensure safety in workplace, all the stakeholders should participate in the process. Discuss FOUR responsibilities of employee in occupational safety and health. (4 marks)
20. Identify FOUR methods that you can use to dispose waste generated in your workplace. (4 marks)