



AMREF INTERNATIONAL TRAINING CENTER

Qualification Code : HE/OS/CH/BC/03/S6/A
Qualification : Community Health
Unit Code : 098855425MA
Unit of Competency : Manage Environmental Health

DATE: 7TH AUGUST 2026

TIME: 2 HOURS START: 9AM FINISH: 11AM

INSTRUCTIONS TO CANDIDATE:

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

This paper consists of THREE (3) 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)

Answer ALL questions in this section.

1. Communities obtain water from different sources for domestic use. State FOUR sources of water. (4 Marks)
2. Water safety is important in preventing disease outbreaks. State FOUR household water treatment methods. (4 Marks)
3. Community-Led Total Sanitation (CLTS) is an important approach in improving sanitation. State FOUR phases of CLTS. (4 Marks)
4. Waste can be classified according to its composition and source. State FOUR types of solid waste. (4 Marks)
5. Waste segregation improves efficiency in waste management. State FOUR color-coded bins used in waste segregation. (4 Marks)
6. Improper management of liquid waste can lead to disease transmission. State FOUR diseases associated with liquid waste. (4 Marks)
7. Sustainable waste use promotes environmental conservation. State FOUR principles of the 3Rs in waste management. (4 Marks)
8. Environmental pollution affects both human health and ecosystems. State FOUR types of pollution. (4 Marks)
9. Food contamination can occur at different stages of food handling. State FOUR causes of food contamination. (4 Marks)
10. Food hygiene practices help prevent foodborne illnesses. State FOUR food hygiene practices. (4 Marks)

SECTION B (60 MARKS)

Answer Any Three questions in this section.

11. A community health promoter has observed an increase in diarrhoeal diseases in a rural village. Investigations reveal that many households rely on unsafe water sources and have poor sanitation practices.
- a) Explain FIVE characteristics of potable water. (10 Marks)
 - b) Describe FIVE sanitation methods that can be promoted at the household level to improve community health. (10 Marks)
12. A rapidly growing urban settlement is experiencing challenges related to waste accumulation, illegal dumping, and poor waste segregation practices.
- a) Explain FIVE methods of managing solid waste. (10 Marks)
 - b) Describe FIVE benefits of proper waste segregation and waste management. (10 Marks)
13. Manufacturing company Y located near a residential area has been accused of polluting a nearby river and releasing harmful emissions into the environment.
- c) Explain FIVE causes of environmental pollution. (10 Marks)
 - d) Describe FIVE measures that can be used to control environmental pollution. (10 Marks)
14. Following an outbreak of food poisoning at a boarding school, community health officers were tasked with investigating the causes and recommending preventive measures.
- a) Explain FOUR principles of food safety based on the 4Cs principle. (8 Marks)
 - b) Describe SIX measures that can be implemented to prevent food contamination and foodborne diseases. (12 Marks)