



PAC INSTITUTE OF TECHNOLOGY AND SOCIAL STUDIES MAY – AUGUST 2025 ASSESSMENT

FORMATIVE ASSESSMENT

Course : BM, CP, CPR, CS
Level : 5 & 6
Unit of Competency : Environmental Literacy

WRITTEN ASSESSMENT TIME: 3 HOURS

INSTRUCTIONS TO THE CANDIDATE:

- 1. Read all the instructions carefully before attempting the questions.*
- 2. This paper consists of two sections, A & B.*
- 3. You are allowed 3 Hours to Answer the questions.*
- 4. Marks for each question are indicated in brackets.*
- 5. Write your responses in the Separate Answer booklet provided.*
- 6. Do not write anything on this question paper.*

SECTION A: (40 MARKS)

Answer ALL questions in this section.

1. Enumerate 4 types of waste based on their composition. (4 marks)
2. Outline four importance of involving stakeholders in project implementation. (4 marks)
3. List four ways of reducing water pollution. (4 marks)
4. Korogocho community are planning to collect and recycle waste from their environment. As an environmental expert, advice on the four best way of presenting data they have collected. (4 marks)
5. State four major problems faced by Kenyans living in urban areas and towns. (4 marks)
6. Outline four ways of disposing hazardous waste. (4 marks)
7. Based on your area of study, identify four techniques of measuring current usage of resources. (4 marks)
8. Outline four ways of collecting information on environmental pollution in rural communities in Kenya. (4 marks)
9. State four ways of increasing the efficiency of resource use. (4 marks)
10. Enumerate any four ways of good housekeeping that originated in Japan. (4 marks)

SECTION B: (60 MARKS)

*Answer any **THREE** questions in this section.*

11. There are various legislations on environmental protection and management.
 - a) Explain five functions of National Environment Management Authority (NEMA) that supports environmental management in Kenya. (10 marks)
 - b) Discuss five disadvantages of building without the approval of NEMA. (10 marks)
12. Solid waste management is important in a country.
 - a) Explain five advantages of solid waste management in Kenya. 10 marks)
 - b) Discuss five ways of managing solid waste in Kenya. (10 marks)
13. There are various international legislations on environmental protection.
 - a) Discuss four gases whose release to the atmosphere are controlled under the Kyoto Protocol. (8 marks)
 - b) Explain six international environmental concerns in the world today. (12 marks)
14. PPEs are critical with regard to environmental regulations.
 - a) Discuss 5 importance of PPE when handling hazardous materials. (10 marks)
 - b) Describe the Occupational Safety and Health Standards required in construction sites. (10 marks)