



AMREF INTERNATIONAL TRAINING CENTER

Qualification : Environmental Science
Unit Code : ENV/OS/SCI/CC/O6/6/A
Unit of Competency : Assess Environmental and Social Impact

WRITTEN ASSESSMENT

DATE:10TH AUGUST 2026

TIME:2 Hours START:2PM FINISH:4PM

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. Environmental Impact Assessment (EIA) is an important tool for sustainable development. Identify FOUR objectives of Environmental Impact Assessment. (4 Marks)
2. Before an EIA study is conducted, a project must undergo screening. State FOUR purposes of project screening. (4 Marks)
3. Public participation is an important stage of the EIA process. Highlight FOUR benefits of public participation in EIA. (4 Marks)
4. Environmental impacts may occur in different forms. List FOUR types of environmental impacts. (4 Marks)
5. Under environmental management laws, project proponents are required to conduct an EIA before commencing certain projects. State FOUR projects that may require EIA as per the law. (4 Marks)
6. An Environmental and Social Management Plan (ESMP) guides project implementation. Highlight FOUR components of an ESMP. (4 Marks)
7. Strategic Environmental Assessment (SEA) supports environmental decision-making. Identify FOUR benefits of SEA. (4 Marks)
8. Environmental audits are conducted to assess compliance with environmental requirements. State FOUR objectives of an environmental audit. (4 Marks)
9. Kenya has established legal provisions for environmental management. State FOUR laws or regulations that support EIA and Environmental Audit in Kenya. (4 Marks)
10. Monitoring and evaluation are important follow-up activities in environmental management. Identify FOUR indicators that may be used to monitor environmental performance of a project. (4 Marks)

SECTION B (60 MARKS)

Answer Any Three questions in this section.

- 11.** A company intends to establish a large-scale fruit processing plant near a river that supplies water to surrounding communities.
- a) Explain FIVE stages involved in conducting an Environmental Impact Assessment. (10 Marks)
 - b) Describe FIVE environmental and social impacts that may arise from the project. (10 Marks)
- 12.** A county government plans to construct a new landfill site to improve waste management services within the municipality.
- a) Discuss FIVE methods of public participation that may be used during the EIA process. (10 Marks)
 - b) Explain FIVE mitigation measures that can be included in the Environmental and Social Management Plan for the project. (10 Marks)
- 13.** The Ministry of Environment intends to develop a national policy on renewable energy development and requires an environmental assessment before implementation.
- a) Explain FIVE differences between Environmental Impact Assessment (EIA) and Strategic Environmental Assessment (SEA). (10 Marks)
 - b) Describe FIVE benefits of conducting a Strategic Environmental Assessment. (10 Marks)
- 14.** An environmental audit was conducted on a manufacturing company that had received several complaints regarding air pollution and poor waste management practices.
- a) Explain FIVE stages involved in conducting an environmental audit. (10 Marks)
 - b) Discuss FIVE legal and administrative requirements that guide Environmental Impact Assessment and Environmental Audit in Kenya. (10 Marks)

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