



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL SCIENCES

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN COUNTY GOVERNANCE AND ETHICS Y1S2

AES: 2100: ENVIRONMENTAL STUDIES

SPECIAL SUPPLEMENTARY EXAMINATIONS

SERIES: SEPT. 2017

TIME: 2HOURS

DATE: 20TH SEPT. , 2017

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE (30mks) compulsory)

- a) Most of the environmental problems are caused by human activities. Discuss this statement giving specific instances and what can be done to remedy the situation. (10mks)
- b) Giving specific instances, identify and explain how traditional practices can play a role in environmental protection (4mks)
- c) Schools, both primary and secondary can use their syllabus to educate their learners how to protect the environment. Briefly FOUR methods that can be used instill environmental protection within the syllabus (8mks)
- d) Discuss FOUR pillars of environmental protection (8mks)

Question TWO (20mks)

- a) Define and explain the following terms:
 - i) Sick house syndrome (SHS)
 - ii) Environmental health
 - iii) Environmental protection laws
 - iv) Dose/response curve (8mks)

- b) Define the term pollution and state what measures the government can undertake to control pollution (12mks)

Question THREE (20mks)

- a) Identify TWO sources of water for a community (2mks)
- b) Discuss sources of pollution for community water and how they can be controlled (6mks)
- c) Define the term Eutrophication. State its stages and causes and propose their mitigation measures. (8mks)
- d) Discuss why advancement in Technology is a threat towards environmental protection (4mks)

Question FOUR (20mks)

- a) Discuss reasons why government and non- governmental organizations are being involved in waste management (10mks)
- b) For business enterprises, population growth is a means of increasing sales, but in environmental protection, it's a threat to environmental wellbeing. Briefly discuss this statement by using examples (10mks)

Question FIVE (20mks)

- a) For the poor struggling to put food on the table, environmental protection is a luxury, while the rich regard environment as an important venture worth investing, explain this statement by giving specific examples (15mks)
- b) Briefly explain the importance of carbon cycle in environmental protection (5mks)

