

TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Applied & Health Sciences DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

CERTIFICATE IN TECHNOLOGY (ELECTRICAL POWER ENGINEERING) (CEE II)

AES 1130 ENVIRONMENTAL STUDIES

SPECIAL/SUPPLEMENTARY EXAMINATIONS
SERIES: JULY, 2014
TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

-Answer question **ONE** (**COMPULSORY**) and any other **TWO**. This paper consists of **TWO PRINTED** pages

QUESTION ONE (COMPULSORY)

(a) Define the following terminologies:

marks) Outline TWO objectives of learning Environmental Studies. (4 marks) (c) Describe the drivers of E-waste production. (4 marks) (d) List THREE types of Renewable Energy Resources. (3 marks) (e) Explain how the following weather elements influence weather condition of a particular area: (I) Wind (3 marks) (II) Humidity (3 marks) (III) Air pressure (3 marks) QUESTION TWO With appropriate examples, discus any FIVE environmental issues associated with global warming Kenya (15 marks) QUESTION THREE Discuss any THREE ways of sustainable waste disposal and management. (15 marks) QUESTION FOUR (a) Describe THREE types of Air Pollutants (9 marks) QUESTION FIVE Write short notes on the following: (1) Environmental monitoring (5 marks)		(I) Waste management.(II) Environmental restoration(III) Precautionary principle.marks)	(2 marks) (2 marks) (2
(c) Describe the drivers of E-waste production. (4 marks) (d) List THREE types of Renewable Energy Resources. (3 marks) (e) Explain how the following weather elements influence weather condition of a particular area: (I) Wind (3 marks) (II) Humidity (3 marks) (III) Air pressure (3 marks) QUESTION TWO With appropriate examples, discus any FIVE environmental issues associated with global warming Kenya (15 marks) QUESTION THREE Discuss any THREE ways of sustainable waste disposal and management. (15 marks) QUESTION FOUR (a) Describe THREE types of Air Pollutants (9 marks) QUESTION FIVE Write short notes on the following: (I) Environmental monitoring (5 marks)		(IV) Global warming marks)	(2
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(I) Environmental monitoring (5 mar)		QUESTION FIVE	
		Write short notes on the following:	
		(II) Strategic Environmental Assessment.	(5 marks) (5 marks) (5marks)