



# **UNIVERSITY OF EMBU**

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**2017/2018 ACADEMIC YEAR**

**SECOND SEMESTER EXAMINATIONS**

**SCHOOL-BASED**

**FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF  
EDUCATION**

**GEG 202: NATURAL RESOURCES MANAGEMENT EXAM**

**DATE: APRIL 11, 2018**

**TIME: 11:00AM-1:00PM**

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**INSTRUCTIONS:**

**Answer Question ONE and ANY Other TWO Questions.**

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**QUESTION ONE (30 MARKS)**

- a) Highlight reasons why one needs to conserve nature (4 marks)
- b) Describe some of the methods that can be used to conserve energy. (5 marks)
- c) Explain five measures which can be taken so as to maintain soil fertility. (5 marks)
- d) Differentiate between soil profile and soil texture. (4 marks)
- e) Explain two advantages and two disadvantages of biomass as a source of energy.. (4 marks)
- f) Explain some of the causes of biodiversity destruction. (5 marks)
- g) Describe methods that can be used to conserve forest resources (3 marks)

**QUESTION TWO (20 MARKS)**

- a) Analyse the factors that affect the exploitation of mineral resources. (12 marks)
- b) Explain four activities that accelerate soil erosion. (8 marks)

**QUESTION THREE 20 MARKS)**

- a) i) What is an aquitard? (1 mark)
- b) Describe three consequences of withdrawal of ground water. (9 marks)
- c) Discuss the main sources of water pollutants. (10 marks)
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**QUESTION FOUR 20 MARKS)**

- a) Explain any four advantages and four disadvantages of hydro power (8 marks)
- b) Describe the importance of natural resources in economic development of a country. (12 marks)

**QUESTION FIVE 20 MARKS)**

- a) Account for the measure taken in sustainable development of resources. (6 marks)
- b) Analyze the different types of ownership of natural resources. (10 marks)
- c) Discuss the importance of energy in economic development. (4 marks)

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