



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
EDUCATION

GEG: 203: THE BIOPHYSICAL ENVIRONMENT

DATE: APRIL 4, 2018

TIME: 11:00AM-1:00PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Describe various triggers of mass wasting. (5 marks)
- b) Explain factors that affect land form development. (5 marks)
- c) Explain five human activities that alter hydrological cycle. (5 marks)
- d) Explain five physical processes involved in water cycle. (5 marks)
- e) Describe limestone landform. (5 marks)
- f) Describe main ways in which water vapor is added to the air. (5 marks)

QUESTION TWO (20 MARKS)

- a) Describe three high pressure cells over the earth surface. (6 marks)
 - b) Explain various divisions of marine ecosystem. (14 marks)
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QUESTION THREE (20 MARKS)

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- a) Explain the role of water in slope stability. (8 marks)
- b) Discuss the global pressure belts and wind circulation. (12 marks)

QUESTION FOUR (20 MARKS)

- a) Describe any five major world ecosystem (10 marks)
- b) Explain factors that control the structure of an ecosystems. (10 marks)

QUESTION FIVE (20 MARKS)

- b) Explain factors for uneven radiation over the planet. (10 marks)
- c) Describe the structure of the atmosphere. (10 marks)

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