



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations for 2015/2016 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

SECOND SEMESTER EXAMINATION FOR
BACHELOR OF EDUCATION (SCIENCE)
BACHELOR OF EDUCATION (ARTS)
BACHELOR OF ARTS

AGE 201: PHYSICAL GEOGRAPHY II

Date: 4/8/2016

Time: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer Question One and Any Other Two Questions

QUESTION ONE (30 Marks)

- a) Explain the components of the hydrologic cycle. (10 marks)
- b) Define the terms (10 marks)
- (i) Precipitation
 - (ii) Infiltration Rate
 - (iii) Ground water
 - (iv) Desertification
 - (v) Slope stability
- c) Distinguish between exogenic and endogenic factors in rock weathering. (10 marks)

QUESTION TWO (20 MARKS)

Describe the major threats to forests and vegetation and explain how these have interfered with the hydrologic cycle in any one of major 'water towers' in Kenya.

QUESTION THREE (20 MARKS)

- a) Identify and explain any three hydrologic processes within a river basin. (9 marks)
- b) Using an illustration, explain what is meant by river regimes. (6 marks)
- c) Explain the significance of ground water resources. (5 marks)

QUESTION FOUR (20 MARKS)

- a) Describe different types of weathering processes. (5 marks)
- b) Describe and critique William Davis Morris' theory of landscape development. (10 marks)
- c) Explain the influences of processes of wind erosion (Aeolian processes) on man (5 marks)

QUESTION FIVE (20 Marks)

- a) Using illustrations where possible, describe FIVE (5) types of slope processes. (10 marks)
- b) Explain FIVE (5) factors influencing coastal morphology. (10 marks)