



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 DEGREE IN BACHELOR OF
EDUCATION (ARTS)

AGE 201: PHYSICAL GEOGRAPHY II

DATE: SCHOOLBASED

TIME:

INSTRUCTIONS.

Answer Question One and any other TWO questions.

SECTION A: COMPULSORY

1. a) Explain the following concepts:
 - i. Slope stability (6 marks)
 - ii. Geomorphological processes (4 marks)
 - iii. Water balance (8 marks)
 - iv. Aquifers (2 marks)
 - v. Green house (4 marks)
- b) Assess the forces driving the hydrological cycle (6 marks)

SECTION B: HYDROLOGY

2. a) Explain the process of atmospheric cooling 12 marks)
- b) Evaluate the effects of vegetation on the infiltration process. (8 marks)
- 3 a) Assess the process of ground water recharge and discharge. (8 marks)

- b) Explain the process of cloud formation and influence of precipitation
(12 marks)

SECTION C: LITHOSPHERE

- 4 a) Examine William Davis Morris Theory of landscape development
(12 marks)
- b) Using examples assess two factors influencing the nature and rate of
weathering. (8 marks)
5. Evaluate the effects of wind on desert landscape (20 marks)