



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

2nd YEAR 1ST SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF EDUCATION ARTS WITH IT. S based

COURSE CODE: NGE211

COURSE TITLE: GEOMORPHOLOGY

DATE:

TIME:

DURATION: 2 HOURS

INSTRUCTIONS

1. This paper contains FIVE (5) questions
2. Answer question 1 (Compulsory) and ANY other 2 Questions
3. Write all answers in the booklet provided

1. a) Describe the various ways through which sedimentary rocks are formed. (12 marks)

b) Account for the common occurrence of sedimentary rocks in the Kenyan coast (8 marks)
2. a) Explain any Two (2) factors that influence weathering (8 marks)
b) Describe any Four (4) processes of chemical weathering (12 marks)
3. Discuss any Five (5) factors that influence mass wasting (20 marks)
4. a) Examine the factors that determine the type of coastal landforms (10 marks)

b) Citing examples, explain any Four (4) causes of ocean currents (8 marks)
5. a) Describe the various processes of wind erosion (8 marks)

b) Explain the formation of the following glacial features
 - i. Glacial trough (3 marks)
 - ii. Fiord/fjord (3 marks)
 - iii. Rock basin (3 marks)
 - iv. Hanging valleys (3 marks)