



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE & TECHNOLOGY

UNIVERSITY EXAMINATION 2018/2019

**1ST YEAR 2ND SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF EDUCATION (ARTS)**

MAIN CAMPUS

COURSE CODE: ZGE 3123

COURSE TITLE: FUNDAMENTALS OF PHYSICAL GEOGRAPHY

EXAM VENUE:

STREAM: BED (ARTS)

DATE

TIME:

EXAM SESSION.....

INSTRUCTIONS:

- 1. Candidates are advised not to write anything on this question paper.**
- 2. Attempt ALL questions in section A and any TWO in Section B.**
- 3. Write all answers in the booklet provided.**
- 4. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

- a) Discuss the geomorphological forces responsible for the development of endogenic and exogenic processes and their resultant features [15 marks]
- b) Discuss the effect of earthquakes to the physical and human environment [15 marks]

QUESTION TWO

Discuss tectonic processes and resultant landforms in East Africa [20 marks]

QUESTION THREE

Discuss the relationship between landscape architecture and climate change [20 marks]

QUESTION FOUR

Discuss the main challenges facing wetland ecosystems in the contemporary times. [20 marks]

QUESTION FIVE

Discuss the concept of global energy transfer in relation to atmospheric and oceanic circulation. [20 marks]