



Kasarani Campus
Off Thika Road
P. O. Box 49274, 00101
NAIROBI
Westlands Campus
Pamstech House
Woodvale Grove
Tel. 4442212
Fax: 4444175

KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS, 2022/2023 ACADEMIC YEAR END OF
SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KGE 2105-PHYSICAL GEOGRAPHY 1

Date: 19th April 2022
Time: 2.30pm-4.30pm

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS
QUESTION ONE COMPULSORY (30 MARKS)

- (a) Explain **three** major concerns of Physical Geography. (6 marks)
- (b) Draw a labelled diagram of the internal structure of the earth. (8 marks)
- (c) Explain **four** sources of energy for exogenic geomorphic process. (8 marks)
- (d) Examine the **four** sub-systems of the earth. (8 marks)

QUESTION TWO (20 marks)

- (a) Distinguish between relative and absolute dating. (4 marks)
- (b) Name the **four** eras in the geological time scale. (4 marks)
- (c) Explain **four** sources of data on the internal structure of the earth. (8 marks)
- (d) State **two** major changes as one moves towards the centre of the earth. (4 marks)

QUESTION THREE (20 marks)

- (a) Examine **three** properties of tectonic plates (6 marks)
- (b) Using labelled diagrams, examine the **three** types of plate boundaries. (12 marks)
- (c) State **two** factors that determine what happens during collision in a compressional plate boundary. (2 marks)

QUESTION FOUR (20 marks)

- (a) Explain **three** mobile belts in the continental crust. (6 marks)
- (b) Describe the Continental Drift Theory. (6 marks)
- (c) Examine **four** evidences of the Continental Drift Theory. (8 marks)

QUESTION FIVE (20 marks)

- (a) Discuss the **three** types of rocks according to their mode of formation. (10 marks)
- (b) Examine the rock cycle. (10 marks)