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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2020/2021 ACADEMIC YEAR
SECOND YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION
(ARTS)

Date: 14th December, 2020
Time: 11.30am – 1.30pm

KGE 2205 - PHYSICAL GEOGRAPHY II

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

Write brief notes on each of the following;

- a) The hydrological cycle concept. (10 Marks)
- b) Factors which influence evaporation rates. (10 Marks)
- c) Factors that influence vegetation water needs. (10 Marks)

QUESTION TWO (20 MARKS)

- a) Explain the water balance equation. (10 Marks)
- b) The usefulness of water balance equation. (10 Marks)

QUESTION THREE (20 MARKS)

- a) Briefly explain the three fluvial erosion processes. (10 Marks)
- b) Explain the factors influencing fluvial erosion processes. (10 Marks)

QUESTION FOUR (20 MARKS)

Explain formation of these landforms

- a) Deltas (10 Marks)
- b) Sand dunes (10 Marks)

QUESTION FIVE (20 MARKS)

- a) Explain the mechanisms of wind erosion. (10 Marks)
- b) Discuss the impact of wave deposition on land use. (10 Marks)