



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## UNIVERSITY EXAMINATIONS 2022/2023

THIRD YEAR, SECOND SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATION  
FOR DEGREE OF BACHELOR OF EDUCATION ARTS

### ECT 3357: GEOGRAPHY SUBJECT METHODS

DATE: AUGUST 2023

TIME: 2 HOURS

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INSTRUCTIONS: Answer Question ONE and any other TWO questions.

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#### QUESTION ONE (30 MARKS)

- a) You intend to teach a lesson in form one from the main topic on Rocks. While justifying your choice with relevant examples, show a creative way you can use the following skills
  - i. Set induction (5 Marks)
  - ii. Motivation (5 Marks)
- b) You hear classmates John and Mary argue that schemes of work are only done during teaching practice and will stop after graduation. Give him five points that will convince them that they are wrong. (5 Marks)
- c) National goal of education number 8 is on promotion of positive attitudes towards good health and environmental protection. Show how you can help achieve this in a geography lesson. (5 Marks)
- d) You have been teaching geography for a week (three lessons) and you need to submit to the Head of Department your record of work. Explain what you will consider as you write each column. (10 Marks)

**QUESTION TWO (20 MARKS)**

- a) Discuss the observation method as a way of teaching and learning in terms of what factors to consider in the choice of the method, its advantages and disadvantages. (10 Marks)
- b) Citing examples, discuss how you would use experimental approach to teach geography effectively in Kenyan secondary schools. (10 Marks)

**QUESTION THREE (20 MARKS)**

- a) State an objective for a lesson on the major topic “Field work” and explain the qualities that make it a good objective. (5 Marks)
- b) From the main form one topic the Earth and the Solar System, prepare a forty minutes lesson plan. (15 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss the Problem based teaching technique, in terms of what factors to consider in the choice of the method, its advantages and disadvantages. (10 Marks)
- b) Explain how you would use ICTs in teaching the topic on Glaciation in Geography. (10 Marks)

**QUESTION FIVE (20 MARKS)**

- a) Critically, discuss the merits of group discussion as a technique of teaching geography in secondary schools. (10 Marks)
- b) Giving examples, show how you would apply Blooms Taxonomy in evaluating Geography at the end of the term. (10 Marks)