



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## UNIVERSITY EXAMINATIONS 2023/2024

SECOND YEAR SECONDSEMESTER EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE  
IN AGRICULTURAL EXTENSION AND EDUCATION AND BACHELOR OF SCIENCE IN  
EDUCATION, BACHELOR OF SCIENCE IN ARTS

### ECT 3250: GENERAL INSTRUCTIONAL METHODS

DATE: APRIL 2024

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) Identify 5 characteristics of teaching (5 marks)
- b) Differentiate between learning and instruction (2 marks)
- c) Choose a topic from one of your teaching subject and
  - i. Write learning outcomes of the substrand (3 Marks)
  - ii. Write learning experiences of the substrand (3 marks)
  - iii. What values will you develop in the lesson (2 marks)
- d) Explain 3 ways you can cater for slow learners in your class (3 Marks)
- e) What are four factors you will consider when developing a lesson plan (4 marks)
- f) Explain four characteristics of a system approach in teaching and learning. Giving examples from the classroom. (8 marks)

#### QUESTION TWO (20MARKS)

- a) Prepare a one-week record of work for one of your two teaching subjects. (10 marks)
- b) You are asked to explain to a new teacher what students gain in participating in experiential learning opportunities. Give five explanations you will give. (10 marks)



**QUESTION THREE (20MARKS)**

- a) Using a well labelled diagram draw the progression of learning outcomes and identify two purpose of each progression (10 marks)
- b) Discuss five factors you will consider in selecting a suitable learning resources for your lesson (10 Marks)

**QUESTION FOUR (20MARKS)**

Prepare a one week CBC scheme of work for one of your teaching subjects (20 marks)

**QUESTION FIVE (20MARKS)**

- a) A teacher should prepare well before teaching. Discuss five reasons why a teacher prepares adequately before teaching. (10 marks)
- b) You are asked to discuss what constitutes good learning outcomes in your group discussion. Explain five of your discussion points. (10 Marks)

