



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya

Tel: +254(0) 799 529 958, +254(0) 799 529 959, + 254 (0) 712 524 293,

Website: info@must.ac.ke Email: info@must.ac.ke

University Examinations 2022/2023

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION SCIENCE, BACHELOR OF EDUCATION ARTS, BACHELOR OF AGRICULTURAL EDUCATION AND EXTENSION, BACHELOR OF EDUCATION TECHNOLOGY IN ELECTRICAL ENGINEERING, BACHELOR OF EDUCATION TECHNOLOGY IN MECHANICAL ENGINEERING AND BACHELOR OF EDUCATION TECHNOLOGY IN CIVIL ENGINEERING

ECT 3250: GENERAL INSTRUCTIONAL METHODS

DATE: APRIL 2023

TIME: 2 HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (30 MARKS)

- a) Define the following terms
- | | |
|-------------------------------|---------|
| (i) Teaching | 2 marks |
| (ii) Equifanility | 2 marks |
| (iii) Differentiated learning | 2 marks |
- b) Give six (6) factors to consider in the selection of learning experience 6 marks
- c) Differentiate between formal and informal education citing relevant examples from the school. 4 Marks
- d) Choose a sub-strand from any of your two teaching subjects
- | | |
|---|---------|
| (i) write the learning outcomes specifying the type | 3 Marks |
|---|---------|

- (ii) Write the learning experiences for the sub=strand 2 marks
- (iii) Write the Key Inquiry Questions (KIQs) 2 Marks
- (iv) What are the pertinent and Contemporary Issues (PCIs) will you mainstream in the lesson? 3 Marks
- e) Give 2 reasons why a teacher should consider the entry behaviour of a student during teaching/learning 4 Marks

QUESTION TWO (20 MARKS)

- a) Discuss five pedagogies in Competency based learning 10 Marks
- b) What are 5 features of a good key Inquiry questions. 10 Marks

QUESTION THREE (20 MARKS)

Choose a sub strand of your choice from any of your teaching subject and prepare a CBC lesson plan of 40 min to teach. 20 Marks

QUESTION FOUR (20 MARKS)

- a) You are asked to give a lecture on the main characteristics of a system approach in instruction. Discuss any five characteristics of a system approach with relevant examples from the classroom setting 15 Marks
- b) State five (5) importance of a scheme of work to the teacher 5 Marks

QUESTION FIVE (20 MARKS)

- a) Discuss five reasons why we keep learners progress records 10 Marks
- b) Discuss five challenges you are likely to face in teaching the Competency Based curriculum and suggest possible solutions 10 Marks