



# MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF DEPARTMENT OF COMMUNICATION TECHNOLOGY

APRIL SESSION EXAMINATION FOR BACHELOR OF EDUCATION

ECT 300: EDUCATIONAL TECHNOLOGY

DATE: 26/7/2019

TIME: 2.00-4.00 PM

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## INSTRUCTIONS

### QUESTION ONE:

- a) Define the term Education Technology (10 marks)
- b) Name at least three barriers to Classroom Communication? (10 marks)
- c) Explain briefly the concept of visual literacy and its relevance to everyday teaching and learning (10 marks)

### QUESTION TWO

Explain into details the meaning of the term Instructional Technology (20 marks)

### QUESTION THREE

- a) Explain the importance of Multi- Channel Learning in teaching learning process (10 marks)
- b) Under what circumstances do we apply Multi-Channel Learning? (10 marks)

### QUESTION FOUR

Critically analyze the operations of the Six Steps of Systematic Planning for the Use of Instructional Media. (20 marks)

## **QUESTION FIVE**

Explain the planning process of a Radio Lesson

- a) Define the term Community Resources. (4 Marks)
- b) Explain the terms Diorama and Mock-ups (2 Marks)
- c) What are the major problems of Distance Education? (5 Marks)
- d) Differentiate between Print and Non –Print Media. (5 Marks)