



SOUTH EASTERN KENYA UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
EDUCATION**

**TCT 201: INSTRUCTIONAL TECHNOLOGY
(MAIN)**

DATE: 18TH APRIL, 2017 TIME: 4.00-6.00P.M

Instructions: Answer Question ONE and any other TWO questions

Question ONE (30 Marks)

- a. In your own words, define the term Instructional Technology (2 Marks)
- b. Discuss the relationship between verbal and non-verbal communication in the classroom (6 Marks)
- c. Outline the basic elements in a communication process (4 Marks)
- d. Define visual literacy and explain its significance in classroom instruction (4 Marks)
- e. Explain why a teacher should use a variety of instructional media in classroom instruction (4 Marks)
- f. Explain 3 benefits of using graphic media in classroom instruction (6Marks)
- g. List 4 examples of resources found within the community resource centre (4 Marks)

Question TWO (20 Marks)

- a. Explain the merits and demerits of using a resource person in the teaching and learning process (8 Marks)

- b. Select a topic in one of your teaching subjects and explain the procedure you would follow in using the resource person. (12 Marks)

Question THREE (20 Marks)

- a. In a sequence form, list the 6 steps in the systematic planning for use of instructional media using the ASSURE model (6 Marks)
- b. For each step you have listed in 3 (a) above, explain its purpose in planning and usage of media for instruction (14 Marks)

Question FOUR (20 Marks)

- a. Identify five media you would consider for your teaching subject and for each explain your preference for the media (15 Marks)
- b. Give at least five qualities of a text book as a teaching/learning resource you would consider before purchasing the book (5 marks)

Question FIVE (20 Marks)

- a. Define the term system as used educational technology (2 Marks)
- b. Explain the FOUR main elements of a system (8 Marks)
- c. Describe the major steps of systems approach in instructional design in education (10 marks)