



# MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF EDUCATION

DEPARTMENT OF COMMUNICATION TECHNOLOGY

SECOND SEMESTER EXAMINATION FOR DIPLOMA IN

EDUCATION (SCIENCE)

EDUCATION (ARTS)

ECT 0201: INSTRUCTIONAL TECHNOLOGY

Date: 2/8/2016

Time: 2:00 – 4:00 PM

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## INSTRUCTIONS

### Question ONE- compulsory

1. (a) Define the following terminologies: (10 marks)
  - (i) Instructional media
  - (ii) Instructional Technology
  - (iii) Media for Communication
  - (iv) Instructional Objectives
  - (v) Realia
- (b) Communication is an integral part in teaching and learning. Discuss five aspects to observe as a teacher to ensure effective communication in the classroom. (10 marks)
- (c) Explain three good qualities each of the following types of Instructional Media
  - (i) A chart
  - (ii) Text book for Std One
  - (iii) Real Object like a flower (10 marks)
- (d) State two disadvantages of using an audio visual media in teaching as opposed to the use of a print media (4 marks)

## ANSWER ANY TWO QUESTIONS

2. (a) The acronym ASSURE is used to elaborate on the right procedure for conducting a lesson. Elaborate on this word (5 marks)
- (b) Explain how you would apply the ASSURE model to teach a topic of your choice in one of your teaching subject (15 marks)
3. (a) Discuss five factors to consider when selecting resources for teaching and learning (10 marks)
- (b) Discuss five ways in which modern technology has improved the teaching and learning process. (10 marks)
4. (a) Explain four ways in which a teacher may use the chalk board to enhance effective teaching (10 marks)
- (b) Discuss five advantages of E-Learning in the education system today. (10 marks)
5. (a) Explain the various roles taken by the teacher during the following stages of a broadcast class:
- (i) Before the lesson
  - (ii) During the lesson
  - (iii) After the lesson
- (15 marks)
- (b) Elaborate on the following terminologies an used in the communication process
- (i) Encoding
  - (ii) Decoding
- (5 marks)