



MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF EDUCATION

DEPARTMENT OF COMMUNICATION TECHNOLOGY

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION (SCIENCE)

DIPLOMA IN EDUCATION ARTS

ECT 0201: INSTRUCTIONAL TECHNOLOGY

Date: 6/6/2017

Time: 8:30 – 10:30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- (a) Define the following terminologies and give appropriate examples (10 marks)
 - (i) Instructional technology
 - (ii) Realia
 - (iii) Visual Literacy
 - (iv) Audio visual media
 - (v) Print media
- (b) Name the three stages involved in a broadcasting lesson. For each stage, highlight three roles played by the teacher (10 marks)
- (c) Using relevant examples discuss various ways in which communication media are used today. (10 marks)

QUESTION TWO (20 MARKS)

- (a) Describe five ways in which a teacher can use various ways of reinforcement to enhance effective learning. (10 marks)
- (b) Discuss five limitations of using a radio as an educational media (10 marks)

QUESTION THREE (20 MARKS)

- (a) Discuss five community resources that the school may utilize for effective teaching and learning. (10 marks)
- (b) Explain the factors you would consider when selecting effective community resources for teaching and learning. (10 marks)

QUESTIONS FOUR (20 MARKS)

- (a) The ASSURE model is a well constructed procedural model to ensure effective use of media instruction. Describe how you would use this model to teach a topic of your choice in a form two class. (15 marks)
- (b) State five factors you would look for when selecting a text book for reference in your school. (5 marks)

QUESTION FIVE (20 MARKS)

Describe the features to put into consideration when

- a) Designing a chart as a teaching aid (10 marks)
- b) formulating instructional objectives. (10 marks)