



# **MACHAKOS UNIVERSITY**

**University Examinations 2019/2020 Academic Year**

## **SCHOOL OF EDUCATION**

### **DEPARTMENT OF EDUCATIONAL COMMUNICATION TECHNOLOGY**

#### **THIRD YEAR FIRST SEMESTER EXAMINATION FOR**

#### **BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)**

#### **BACHELOR OF EDUCATION (SPECIAL NEED EDUCATION)**

#### **BACHELOR OF EDUCATION(SCIENCE)**

#### **BACHELOR OF EDUCATION(ART)**

#### **ECT 300: EDUCATIONAL TECHNOLOGY**

**DATE: 2/12/2019**

**TIME: 8.30-10.30 AM**

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

#### **QUESTION ONE (30 MARKS)**

- a) Briefly examine importance of lesson objectives to teachers. (4 marks)
- b) Prepare at least Four Objectives based on your area of specialization (8 marks)
- c) Name at least three barriers to Classroom Communication? (9 marks)
- d) Explain briefly the concept of visual literacy and its relevance to everyday teaching and learning (9 marks)

#### **QUESTION TWO (20 MARKS)**

- a) Differentiate between Technology in Education and Technology of Education. (8 marks)
- b) Explain the merits and demerits of distance education. (12 marks)

#### **QUESTION THREE (20 MARKS)**

- a) Under what circumstances do we apply Multi-Channel Learning? (2 marks)
- b) Explain the importance of Multi- Channel Learning in teaching learning process (4 marks)
- c) Describe at least five advantages of visual literacy (10 marks)
- d) Explain the planning process of a Radio Broadcast Lesson (4 marks)

#### **QUESTION FOUR (20 MARKS)**

Critically analyze the operations of the Six Steps of the **ASSURE Model** (20 marks)

#### **QUESTION FIVE (20 MARKS)**

- a) Define the term Community Resources. (4 marks)
- b) Explain the terms Diorama and Mock-ups (6 marks)
- c) Identify major functions of Learning Resource Centre (5 marks)
- d) Differentiate between Print and Non –Print Media. (5 marks)