



# **MACHAKOS UNIVERSITY**

**University Examinations 2020/2021 Academic Year**

**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL COMMUNIATION AND EARLY CHILDHOOD**

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR**

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

**BACHELOR OF ARTS (ENGLISH/LITERATURE)**

**BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)**

**BACHELOR OF EDUCATION (SCIENCE)**

**BACHELOR OF EDUCATION (ARTS)**

**ECT 300: EDUCATION TECHNOLOGY**

**DATE: 13/8/2021**

**TIME: 8.30-10.30 AM**

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## **INSTRUCTIONS**

**Answer Question ONE and any other TWO questions**

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

- a) Briefly explain the concept of visual Literacy. (8 marks)
- b) Explain the importance of Learning Resource Centre to teaching learning process. (10 marks)
- c) Briefly describe the planning process of a Radio Broadcast Lesson. (12 marks)

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

- a) Differentiate between print and non-print media. (8 marks)
- b) Using appropriate examples explain the relevance of Community Resources in Teaching Learning Process. (12 marks)

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

- a) Define the term **ASSURE MODEL**. (8 marks)
- b) Trace the operations of the Six Steps of the **ASSURE MODEL** to classroom teaching. (12 marks)

**QUESTION FOUR (20 MARKS)**

- a) Differentiate between Technology of Education and Educational Technology. (8 marks)
- b) Under what circumstances do we apply Multi-Channel Learning? (12 marks)

**QUESTION FIVE (20 MARKS)**

- a) Explain the merits and demerits of Distance Education. (8 marks)
- b) Illustrate the four strategies of Reinforcement used by Classroom Teachers. (12 marks)