

MACHAKOS UNIVERSITY

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL COMMUNICATION TECHNOLOGY / ECE

UNIVERSITY SPECIAL / SUPPLEMENTARY EXAMINATIONS FOR BACHELOR OF EDUCATION SCIENCE  
/ ARTS/ SNE

SPECIAL / SUPPLEMENTARY EXAMINATIONS 2021/2022

DATE~~~

TIME~~~~~

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ECT 300: EDUCATIONAL TECHNOLOGY

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INSTRUCTIONS

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ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS BELOW

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### **Question One:**

- i. Briefly explain the term Machine Approach in Education Technology? **(4 Marks)**
- ii. Briefly explain at least FOUR problems hindering Classroom Communication? **(4 Marks)**
- iii. Explain briefly the concept of visual literacy and its relevance to everyday teaching and learning **(4 Marks)**
- iv. Explain briefly circumstances under which Instructional Technology may affect human learning? **(4 Marks)**
- v. Briefly explain the meaning of the term Learning Styles as explained in the systematic planning for the use of instructional media? **(4 Marks)**

### **Question Two**

Critically analyze Common Results Responsible for the Application of Media and Technology as Dynamic Learning Processes. **(20 Marks)**

### **Question Three**

- i. Explain the Term Multi- Channel Learning **(20 Marks)**

### **Question Four**

Critically analyze the operations of the Six Steps of Systematic Planning for the Use of Instructional Media. **(20 Marks)**

**Question Five:**

i.	What is Educational Broadcasting?	<b>(4 Marks)</b>
ii.	Define the term Community Resources.	<b>(4 Marks)</b>
iii.	Explain the terms Diorama and Mock-ups	<b>(2 Marks)</b>
iv.	What are the major problems of Distance Education?	<b>(5 Marks)</b>
v.	Differentiate between Print and Non -Print Media.	<b>(5 Marks)</b>