

MACHAKOS UNIVERSITY
SCHOOL OF EDUCATION
DEPARTMENT OF EDUCATIONAL COMMUNICATION TECHNOLOGY / ECE
UNIVERSITY SPECIAL / SUPPLEMENTARY EXAMINATIONS FOR BACHELOR OF EDUCATION SCIENCE
/ ARTS/ SNE
SPECIAL / SUPPLIMENTARY EXAMINATIONS 2021/2022

DATE---

TIME-----

ECT 300: EDUCATIONAL TECHNOLOGY

INSTRUCTIONS

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS BELOW

Question One:

- i. Briefly explain the term Machine Approach in Education Technology? **(4 Marks)**
- ii. Briefly explain at least **FOUR** problems hindering Classroom Communication? **(4Marks)**
- 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? (4 Marks)
- ii. Define the term Community Resources. (4 Marks)
- iii. Explain the terms Diorama and Mock-ups (2 Marks)
- iv. What are the major problems of Distance Education? (5 Marks)
- v. Differentiate between Print and Non -Print Media. (5 Marks)