



MACHAKOS UNIVERSITY

University Examinations 2019/2020 Academic Year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL COMMUNICATION AND TECHNOLOGY

DECEMBER SESSION EXAMINATION FOR MASTER OF EDUCATION (COMTECH)

ECT 803: DESIGN & PRODUCTION OF EDUCATIONAL MEDIA

DATE: 23/1/2021

TIME: 9.00-12.00 PM

INSTRUCTIONS

Answer question ONE and any two questions.

QUESTION ONE (20 MARKS)

- a) Explain major media technologies you would use in the classroom while teaching Scale drawing in mathematics? (10 marks)
- b) Briefly explain the major qualities of a good instructional media? (10 marks)

QUESTION TWO (20 MARKS)

Why should instructional media attract the attention of the learner? .

QUESTION THREE (20 MARKS)

What are the events of instructions as explained by Gagne's Model of Instructional Design.

QUESTION FOUR (20 MARKS)

- i. What do we mean by the words FIACS? (10 marks)
- ii. Explain the meaning of these letters with respect to FIACS.
 - 1.-----
 - 2.-----
 - 3.-----
 - 4.-----
 - 5.-----
 - 6.-----
 - 7.-----
 - 8.-----
 - 9.-----and
 - 10.-----

(10 marks)

QUESTION FIVE (20 MARKS)

- a) Define the term Instructional Design. (10 marks)
- b) Explain the operations of the ADDIE MODEL of course design. (10 marks)