

MACHAKOS UNIVERSITY

SCHOOL OF EDUCATION

EDUCATIONAL TECHNOLOGY DEPARTMENT

ECT 0201

DIPLOMA IN EDUCATION

NOVEMBER/DECEMBER

2019 EXAMINATION

Instructions

Answer All Questions In Section A and Any Other Three Questions In Section B

SECTION A

1. Define the following terms:
 - i) A computer (2mks)
 - ii) Radio broadcasting (2mks)
2.
 - i) Explain the importance of ICT integration in education to a teacher (4mks)
 - ii) List any four popular social media platforms used for teaching and learning (4mks)
3.
 - i) State any four features of a Learner Management Systems (LMS) (4mks)
 - ii) Name three computer applications that can be used in teaching and teaching process (3mks)
4.
 - i) Give instances where printed materials can be better than audio-visual media (4mks)
 - ii) What is meant by micro teaching? (2mks)

SECTION B

5.
 - i) Explain two modes of delivery for ICT in the learning process (4mks)
 - ii) Briefly, describe four basic categories of learning theories (8mks)
 - iii) How has ICT changed learning behaviors? (3mks)
6.
 - i) List three components of Interactive White Board (3mks)
 - ii) Explain seven qualities of a teacher that are needed during micro teaching (7mks)
 - iii) Describe components of a good technological activity based lesson plan (5mks)

7. i) Highlight any effects of provision of technology in education (8mks)
ii) What challenges can a teacher face while introducing use of ICT in his or her school (7mks)
8. i) Explain how You tube can be used to enhance learning and teaching process (4mks)
ii) Discuss various types of non-verbal communication (8mks)
iii) State three ways that a student can use to deliver her or his assignments to the teachers online (3mks)