



MACHAKOS UNIVERSITY

University Examinations 2019/2020 Academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL COMMUNICATION TECHNOLOGY

AUGUST SESSION EXAMINATION FOR

DOCTOR OF PHILOSOPHY IN EDUCATIONAL ADMINISTRATION

ECT 902: ROLE OF ICT IN KENYA'S EDUCATION SYSTEM

DATE: 18/12/2019

TIME: 2.00-5.00 PM

INSTRUCTIONS

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

QUESTION ONE (20 MARKS)

- a) State some of the Objectives of National ICT Strategy in Education in Kenya (5 marks)
- b) Briefly examine the role of ICT and capacity building in Kenyan Schools and Colleges (7 marks)
- c) Also explain the role of Computers as a tool for curriculum Management in Teaching and Learning in Kenyan Schools and Colleges (5 marks)
- d) Give brief comments on the Historical Paradigm of ICT with respect to Instructional Technology (3 marks)

QUESTION TWO (15 MARKS)

- a) Explain the meaning of the term Digital Divide. (3 marks)
- b) Explain on how the Kenyan Education Sector may overcome the Digital Divide in its Institutions. (12 marks)

QUESTION THREE (15 MARKS)

- a) Explain the role of ICT in supporting Educational System in Kenya (7 marks)
- b) Explain the major objectives of ICT in Kenya. (8 marks)

QUESTION FOUR (15 MARKS)

Explain how demand for ICT has contributed to knowledge economy in the Kenyan Education Sector

QUESTION FIVE (15 MARKS)

- a) Critically evaluate the role of computers as a tool for managing the school Examinations and staff records. (10 marks)
- b) Critically analyze the major challenges of Computer usage in Kenyan Schools and Colleges? (5 marks)