

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF
DOCTOR OF PHILOSOPHY IN**

EDUC 903: EDUCATIONAL ICT AND KNOWLEDGE ERA

STREAMS: (PART TIME)

TIME: 3 HOURS

DAY/DATE : TUESDAY 5 /10/ 2021

2.30 PM – 5.30 PM

INSTRUCTIONS TO CANDIDATES:

- Answer Question One and any other Two Questions.
- DO NOT WRITE ANYTHING on the question paper.

QUESTION ONE

- (a) Explain the utility of basic tools of ICT in the following:
- i. Learning by association
 - ii. Learning through reinforcement
 - iii. Learning by repetition [12 Marks]
- (b) Analyze the emerging issues in ICT usage that are evident across all sectors but particularly relevant to education system in Kenya. [8 Marks]
- (c) The concept of a “knowledge society” is often confused with that of an “information society.” Discuss [10 Marks]

QUESTION TWO

Outline and examine the strategies through which the government should prepare educational practitioners to successfully implement on ICT based curriculum. [15 Marks]

QUESTION THREE

“The emergence of technological innovations has tremendous potential to entrench the digital divide within education, awarding benefits to those who have access to ICT and further marginalizing those without such access”. Discuss this fact based on evidence drawn from Kenya.

[15 Marks]

QUESTION FOUR

Analyse the implications of explosion of technologies to the systems of learning in Kenyan institutions.

[15 Marks]

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