MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER

SCHOOL OF EDUCATION
MASTER OF EDUCATION IN EDUCATIONAL ADMINISTRATION

COURSE CODE: EDA 9102
COURSE TITLE: INFORMATION COMMUNICATION TECHNOLOGY IN EDUCATION

DATE: 03/6/24   **TIME: 0830-1030HRS**

INSTRUCTIONS
Answer ANY THREE questions.

This paper consists of 2 printed pages. Please turn over.

Question One

(a) Elaborate five reasons a school should have a policy on use of ICT in school administration **(10 marks)**

(b) You have been invited by a school's ICT committee to guide them in conducting a SWOT analysis on ICT use in school administration. Elaborate to the committee on the following:

  i. Five threats in use of ICT in school administration **(5 marks)**
  ii. Five opportunities in use of ICT in school administration **(5 marks)**

Question Two

a) Discuss any five contributions of National Educational Management Information System [NEMIS] in promoting school effectiveness

(10 marks)

b) Discuss any five data analysis methods that a researcher can apply in Microsoft Excel **(10 marks)**

Question 3

(a) i) Discuss any five challenges that principals encounter in using Teacher Information Management System **(5 marks)**
ii) For each challenge discussed in (a) i, propose a solution **(5 marks)**

(b) Discuss any five interventions that a school may use to encourage teachers' uptake of school learning management system to facilitate learning

(10 marks)

Question 4
(a) Explain any five benefits of ICT that can be harnessed for teaching and learning. **(10 Marks)**
(b) Using examples applicable to School Management Information System [SMIS], discuss five components of an information system **(10 Marks)**

Question 5
(a) Discuss five personal factors that may affect a principal's leadership in relation to the use of ICT in a school **(10 marks)**
(b) Justify the classification of ICT competencies as a key 21st Century skill

(10 marks)

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