

KAMONYI DISTRICT

END TERM TWO COMPREHENSIVE ASSESSMENT ACADEMIC YEAR 2023-2024

SUBJECT: ICT

LEVEL: S6 ALL EXCEPT MCE AND MPC

DURATION: 2HOURS

MARKS:30 MARKS

INSTRUCTIONS:

- 1) This paper consists one section
- 2) Attempt all questions

ICT FOR S6 ALL EXCEPT MCE AND MPC/30MARKS

- 1) Define:
 - a) Paper-based database (2Marks)
 - b) Computerized database (2Marks)
- 2) Give 1 example of computerized databases that may be used in an institution. (2Marks)
- 3) What are 2 benefits that an institution can have once the computerized database is created? (2Marks)
- 4) Determine the possible problems faced by the university administration by using the paper-based database (4Marks)
- 5) Identify any four types of database models (4Marks)
- 6) Enumerate (Arrange) database design steps given below: (4Marks)
 - a) Identification of relationship among entities
 - b) Investigation / Analysis of Situation
 - c) Representation of Entity Relationship (ER) Diagram with symbols
 - d) Identification of Important Entities and their Attributes
- 7) Discuss the role played by Structured Query Language (SQL) into Database management. (4Marks)
- 8) The following are the main Data Manipulation Language (DML) statements, Choose **True** or **False** (2Marks)
 - a) Insert: to insert data into a table

- b) Select: to query data in the database
 - c) Update: to update data in a table
 - d) Delete: to delete data from a table
- 9) Differentiate between Web Application and Desktop Application (**2Marks**)
- 10) List at least any two roles of Graphical User Interface (GUI) (**2Marks**)