KAMSSA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

INFORMATION AND COMMUINICATIONS TECHNOLOGY

Paper 2
2 hours 30 minutes

Instructions to candidates

- *This paper consists of two examination items.*
- *Answer **both** items in this paper.*
- *You are provided with support files in the folder KAMSSA Support Files on the computer desktop. Use the support files where applicable to supplement the items.*
- *You are provided with a new blank Compact Disc (CD).*
  Use a permanent marker to write your name, random number and personal
- *number on your CD.*
  You should continuously save your work.
- *You must produce a hard copy for each of your work to accompany a soft copy on the Compact Disc (CD).*

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ITEM 1

Okiti High School, a secondary school, currently relies on paper-based records to manage students' information. Unfortunately, this system has led to frequent issues, such as records being misplaced or destroyed by natural causes. At the end of the academic year, several parents expressed concerns about the availability and accuracy of the performance records provided to them.

A new parent suggested that the school adopt a computerized system to manage student records, including subject scores and payment information. The school welcomed the idea, but the staff members are not proficient with computers.

The records in the small book have been extracted and provided in the support file "Students Data.doc." Additionally, a sample of the reminder letter for those with outstanding fees balances in the file "Reminder.doc."

Task
Using the provided support files, complete the following tasks:

(a) Create an electronic storage of the student records, and use it to:
(i) Analyze each student's scores.
(ii) Create a graphical representation of students' performance.

(b) Generate a list of students with outstanding fees balances and prepare a personalized reminder letter for each of them.

ITEM 2

Paradise Star is a modern, luxurious 4-star hotel located in the heart of the city. The hotel boasts a range of amenities, including a restaurant and bar, swimming pool, free high-speed internet, luxury guest rooms, and airport pick-up/drop-off services, among others. The hotel's management is keen to leverage ICT to enhance customer interaction and attract more guests. They also aim to collect valuable customer feedback through digital channels.

To achieve this, they plan to develop an online platform that allows for seamless customer engagement and service booking. This platform will enable potential customers to book services and provide feedback easily. A support folder named **Paradise Star** has been provided, containing relevant files that may be useful for this project.

Task
Create an online platform that incorporates the managers' vision for their business. The platform should facilitate customer interaction, attract new guests, and include an active form for service bookings.

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