840/2
Information
and
Communication
Technology
Paper 2
14 August 2024
2½ hours

ITEBBE

EJEB
Making a difference

ENTEBBE JOINT EXAMINATION BUREAU

Uganda Lower Secondary Certificate of Education

INFORMATION AND COMMUNICATION TECHNOLOGY

Paper 2

PRACTICALS

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 **EJEB S4 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*).

Item 1

Tickle is a day and boarding secondary school, charging Shs. 500,000 and Shs. 950,000 for day and boarding students respectively. The school bursar keeps student records of fees payments on sheets of papers. At times, some of these payment records have been misplaced and others at times destroyed by forces of nature. As a result, some parents have made double payments and others have taken advantage of the system leading to big losses to the school. In one of the Parents' Teachers meeting, parents strongly commented about errors usually made in financial statements presented to them.

One new parent advised and suggested to the school, a computerized system be adopted to manage fees payments. The idea was welcomed but the bursar and other stake holders lack ICT skills.

The records from papers were extracted and provided in the support file, **Payment Records.doc**, and a sample notice for students with fees balance in the file **Defaulters.doc.**

Task
Using the support files provided;

(a) Create an electronic storage of students' fees payment records and use it to generate;
   (i) Fees Balance for every student;
   (ii) A graphical representation of fees paid.

(b) Generate a printable document for each student as a reminder to parents or guardians about fees balance.

Item 2

Hotel Tickle is a modern, luxurious 4-star hotel located in the city center. The hotel has a restaurant and bar, swimming pool, free high speed internet, luxury guest rooms, airport pick up/drop of service, to mention but a few. The managers of this hotel wish to embark on ICT usage to fully interact with and attract more customers to their hotel as well as getting feedback from the customers.

They also intend to provide an **active form** for those customers who would wish to book for services in this hotel.

Task

Develop an online platform that implements the aids managers have about their business. A support folder called **Tickle-Hotel** has been provided containing some files which may be used.