840/2

INFORMATION AND

COMMUINICATIONS

TECHNOLOGY (ICT)

Paper 2

2024

2½ hours

Uganda Certificate of Education

INFORMATION AND COMMUINICATIONS TECHNOLOGY

Paper 2

Practical

2 hour 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 **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

Your father has been given a job as the new Director of Studies (DOS) of Kikuube Modern P/S located in Kikuube District. He has encountered a major challenge about the manual report card system where teachers manually make report cards with their hands of which the exercise takes around two weeks to end. With this system the teachers have a lot of errors they make during computation of results and the filling in marks in the report card. This leads to tearing of a lot of report cards where mistakes have been made hence wasting school resources and time.

On the report card the school has a policy of indicating bursary schemes depending on students performance as; Students whose total is below is below 200 are not given bursary, Students whose total is between 340 and 200 are given half bursary and students whose total is above 340 are given full bursary.

The school also has a policy of indicating promotion status for the P6 students to be promoted to P7 after meeting a certain mark as; Students whose average is above 50 are promoted to P7 and students whose average is below 50 are to repeat P6.

Your father would love your help to have a computerised reporting system to quicken report making process and have a nice looking report card with student photos, Subject marks, Subject Grade, Subject comment, Total, Average, Class Teacher's comment and Head Teacher's comment all being automatically generated.

Your father has drafted how the report will look like (Template) in the support file **REPORT CARDS.docx** and he has also captured the marks in a spreadsheet system **KIKUUBE MODERN PS P6 MARKS EOT 3 2023.xls**. He has also put students pass port photos in **STUDENT PASSPORT PHOTOS** Folder

Task

Help your father by using support files provided

   (a)   Compute the marks and necessary data in the spread sheet system
   (b)   **Join data** in the Spreadsheet system data with that of the report card file to generate automatic report cards for all students.

   Hint

   • Create your own scale and comments for generating Class Teacher and Head Teacher comments.
   • Photos have been named basing on student No of each child
   • The grading scale for subject marks has been indicated on the report card in the support files.

Item 2

A wildlife Club wishes to start a campaign of saving wild animals that run out of there habitants from being killed by humans. The club would wish the public to photograph such animals and **submit** photos plus **personal details** of the volunteer to the club online platform so as the club members come and rescue the wild animals. The club also wishes to have other pages bearing *Homepage*, *benefits of conserving wild life, endangered animals galler*y and a page of address of club branches across Uganda.

Task.

Develop an online platform having necessary club pages and active form for submitting the photos of animals that have escaped. A support file named **endangered animals** has been provided containing some files which may be used.

END