**S850/3**

**SUBSIDIARY ICT**

**(PRACTICAL)**

**Paper 3**

**JULY/AUGUST 2024**

**2 hours**



**UGANDA TEACHERS’ EDUCATION CONSULT (UTEC)**

**Uganda Advanced Certificate of Education**

**MOCK EXAMINATION 2024**

SUBSIDIARY ICT

**Paper 3**

**2 hours**

* This paper is made up of **five** equally weighted questions.
* Answer any **three** questions.
* Any additional question(s) answered will **not** be marked.
* Each candidate is provided with support files in the folder **UTEC\_MOCKS\_P3\_2024** on the computer desktop. Use the support files where applicable to supplement the questions.
* Each candidate is provided with a **blank Compact Disc (CD).**
* Candidates should continuously **save** their work.
* Use a **Permanent marker** to write your name on your CD.
* Each candidate **must** produce a **hard copy** for each of their work to accompany the Compact Disc (CD).

1. Using a word processing application, type the text below as it appears and save your work **Digital divide** your name. ***(05 marks)***

Across Africa, new information technologies are rapidly changing the lives of a small but growing number of people. In rural Togo a farmer gets real-time information on market prices in the capital, Lome, through a cellular phone. In Accra, Ghana, entrepreneurs who in the past were not able to get a dial tone on their land-line telephones can now connect immediately using Internet telephony, technology that allows phone calls to be made through the Internet.

So far, these are some of the few, fortunate Africans. For most people even making a telephone call is still a remote possibility in an era when most of the world is now communicating almost instantly across cities, regions and the globe using wireless and satellite technologies to send high-speed electronic messages.

Africa has the fewest telephone lines, radios, television sets, computers and Internet users of any part of the world. These tools, used to package and transmit information and knowledge, are broadly referred to as information and communications technologies (ICTs). The gap between those with access to ICTs and those without is generally referred to as the "digital divide."

"The digital gap brings with it a danger of isolating certain peoples, those in Africa in particular," says Senegalese President Abdoulaye Wade. "It is paradoxical and ironic that the continent which invented writing . . . [is] excluded from universal knowledge."

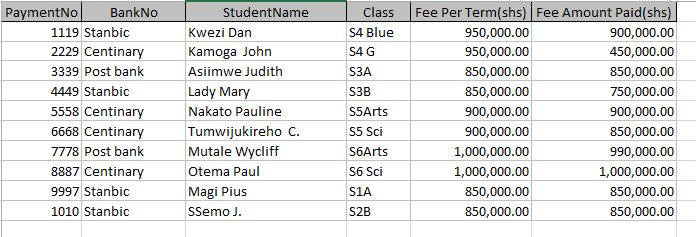
* 1. Set your margins to 2cm left, right, top and bottom. Use paper size A4.***(03 marks)***
  2. Insert an appropriate Title at Top of your document**. *(01 mark)***
  3. Ensure your title is in upper case with a wavy underline and well centered. ***(03 marks)***
  4. Insert the image digital.jpeg as a water mark in your document. ***(01 mark)***
  5. Add page numbers in format A,B,C ***(01 mark)***
  6. Justify the entire document. ***(01 mark)***

* 1. Change the page color to Olive Green, Accent 3. ***(01 mark)***
  2. Insert header your name and footer your subject combination. ***(01 mark)***
  3. Put a shadow text boarder around the second last paragraph with a 3pts of thickness***.***

***(02 marks)***

* 1. Print a copy of your work. ***(01mark)***

1. Using any spreadsheet application of your choice, load the file results.xls from the support files provided and save it as results your name. ***(01 mark)***
2. Apply all boarders to your work and add a title to your work. (***02 marks)***
3. Sort all students’ names in descending order and add a footer as your name. ***(02 marks)***
4. Using any formatting tool, highlight all scores that are great than 90 with a light blue color ***(02 marks)***
5. Compute columns for ‘total’, ‘average’ and position. ***(03 marks)***
6. Using an appropriate function/ formula, compute:-
7. No. of students in class in cell B36. ***(02 marks)***
8. Median mark per subject. ***(02 marks)***
9. Number of students that scored 100% per subject. ***(02 marks)***
10. Using the columns for name of student and total mark, create a bar chart to represent this data. ***(03 marks)***
11. Print a copy of your work in landscape format. ***(01 mark)***
12. The table below shows Fees deposited by students in various banks to the school account.



* 1. Create a Database and populate your database as above. Save as fees\_your name. ***(06 marks)***
  2. Assign appropriate data types to the fields. ***(03 marks)***
  3. Create form from the table and save it as Payment**.**Add a footer as your Name on the form. ***(03 marks)***
  4. (i) Compute the fees balance of all students from the query interface and save it as **Fees Balance. *(02 marks)*** 
     + - 1. Create another query to display all students with fees. Save it as **debtor. *(02 marks)***
  5. Create a report to display the information contained in query d (i) showing all details of students with fee balance and save as **debt. *(02 marks)***
  6. Print the report from the database table grouped using bank column called **fees report**

***(02 marks)***

1. The health inspector has asked you to prepare a five slide presentation about Malaria.

Some literature about Malaria is provided in support files malaria.rtf

Using any presentation software of your choice, prepare a six slide presentation about malaria as follows.

1. Title slide: Should have the topic, your name and date of presentation. ***(02 marks)***
2. Slide 2: Introduction to the topic and definition of malaria. ***(02 marks)***
3. Slide 3: Causes and symptoms of malaria. ***(02 marks)***
4. Life cycle of malaria. To be inserted as an image (cycle.jpeg) from the support files provided.  ***(02 marks)***
5. Slide 4: Treatment ***(02 marks)***

***NOTE:***

1. Use a uniform colour scheme, animation and transition. ***(02 marks)***
2. Allow the presentation to run until Esc. ***(01 mark)***
3. Insert slide numbers at appropriate place on each slide. ***(01 mark)***
4. Add action buttons that are well linked. ***(02 marks)***
5. Add footer, your name and subject combination. ***(01 mark)***
6. Insert relevant graphics from support files provided and background slide background colour. ***(02 marks)***

5. (a) Using any desktop publishing software, load the file newsletter.pub and use it to design

the newsletter.

(b) Use the information from the file School.doc to add text to the newsletter, use font style c entury Gothic with font size 10. ***(06 marks)***

(c) Line spacing your text in the newsletter. ***(02 marks)***

(d) Insert a picture image1.jpg in the bottom right corner, scale the image to a height 103%

and scale width 89%. ***(03 marks)***

(e) Insert a picture image2.jpg in the top right corner below the title with scale height of

105% and scale width of 124%. ***(03 marks)***

f) Adjust the background colors to ensure the inserted text remains visible. ***(02 marks)***

g) Give your Newsletter an appropriate title. ***(02 mark)***

h) Save changes and Print your work. ***(02 marks)***

**END**