

S850/2
SUBSIDIARY ICT
(PRACTICAL)
Paper 2
July/August 2024
2 hours



UGANDA TEACHERS' EDUCATION CONSULT (UTEC)

Uganda Advanced Certificate of Education

MOCK EXAMINATION 2024

SUBSIDIARY ICT

Paper 2

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_P2_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. (a) Use an appropriate application to load the file **Latentheat.docx**, and save the file again as your **name-personal number**. (01 mark)
- (b) Create a new line above the first paragraph and in it write the title. **"Understanding Heat Capacities"**. Center the Heading and apply Toggle case. With a font size 16.5. (03 marks)
- (c) Drop cap the first **word** of the last paragraph by 3 lines with a distance from text spacing of 0.3". (02 marks)
- (d) Using an appropriate word processing tool, construct the equation below at the end of paragraph three. (03 marks)

$$T_f = \frac{L_f - L_i}{aL_i} + T_i$$

- (e) Add a comment on the text Intermolecular bonds in the second paragraph to read "are strong bonds that hold atoms together within a molecule and may be ionic, covalent, or metallic" (02 marks)
 - (f) Insert a **left aligned** page number in the footer area of your page in the format of page x of y. (02 marks)
 - (g) Insert a header of your **name** and **personal number** on the right hand side of the page. (02 marks)
 - (h) On the 7th last line of paragraph 1, insert an image **heat.jpeg**. (02 marks)
 - (i) Resize the image to height inserted in (h) to = **0.4"**height and width = **0.4"**wrap text tight around it. (02 marks)
 - (j) Save changes to your file and print. (01 mark)
2. Social media platforms have become a necessity for every one that has a smart gadget. By end of 2022, there were 4.9 billion people using social media all over the world.
 - a) Design a five slide presentation and save it as *Media*. (01 mark)
 - b) Use the slide master feature to;
 - i. Add a logo.jpeg from the support file to appear on all slides. (01 mark)
 - ii. Shade all place holders with a light blue colour background. (01 mark)

- c) Refer to text social media.doc in the support files to complete slides as instructed below.

- Slide one:** To include suitable title and your name as the presenter. (01 mark)
Slide two: To have an explanation of what social media is. (01 mark)
Slide three: A two-column slide with at least six examples of social media platforms. Have at least three in each column. (02 marks)
Slide Four. Include a pie chart showing most commonly social media platforms in the world. Refer to file usage.xls in the support files. (03 marks)
Slide five: To have a two content slide layout showing at several problems of social media usage today and their solutions. (02 marks)

Further Instructions

- d) Apply any form of word art onto the title. (01 mark)
e) Add the letters **FB** in a suitable position on slide three and hyperlink the letters to the website www.facebook.com. (01 mark)
f) Apply minimal animations, transitions and appropriate images. (02 marks)
g) Add slide numbers and footer as your name to all slides. (01 mark)
h) Add speaker notes on slide three to read "*there are many more examples of social media platforms*". (01 mark)
i) Loop the presentation to run automatically slide by slide every after 3 seconds. (01 mark)
j) Print a hand out of all slides on one page. (01 mark)
3. (a) Using a database management application available on your computer, create a new database and save it as "AdminDATA" in your working folder. (02 marks)
- (b) Import a file data.xls to your database. Save the database table as my Data. (02 marks)
- (c) Assign appropriate data types and a primary key to the fields, Ensure the sex field is a lookup field. (03 marks)
- (d) Create a columnar form with only RegNo, First name, Incomes, expenditure And savings from your table and name it students form. (02 marks)

- (e) Manipulate your form created in (d) above as follows. (05 marks)
- Compute the savings
 - Add a light blue background
 - Add image savings.jpeg as a logo to your form
 - Add a header and a footer as your name and personal number respectively.

- (f) Create a queries to filter
- First name starts with letter K and Last name ends with letter n. Save your query as name (02 Marks)
 - Filter Out people who never made any expenditure. Save as zeroexp. (02 marks)
- (g) Create a report for only "Name" query. (01 mark)
- (h) Print all your work. (01 mark)

4. Using any desktop publishing program, Open file cover.pub and design a front and back book covers putting the following into consideration.

- (a) The book title is called "A NEW APPROACH TO NLSC ICT" illustrations. (02 marks)
- (b) Additional words on the cover are "Understanding new curriculum dimensions. Include a logo.jpeg on the front page. (02 marks)
- (c) Apply a word art where necessary. (02 marks)
- (d) Put an artistic boarder around the front book cover. (02 marks)
- (e) Add image background.jpeg as your cover design background. (02 marks)
- (f) Add text about the author "about.doc and image writer.img in text box area at the back cover on page two respectively. (03 marks)
- (g) Write the word "New Edition" in the lower right corner and Atimango Lawrence as the Author in the lower left corner on the front page. (02 marks)

- (h) Apply different font styles. (02 marks)
- (i) Adjust the paper size to A5 portrait. (02 marks)
- (j) Save your work and print (01 mark)

5. Caleb is a horticulture farmer. He made the following monthly **profits** over the year 2020.

Item	Jan (\$)	Feb (\$)	Mar (\$)	Apr (\$)	May (\$)	Jun (\$)
Fruits	1,500.00	1,050.00	1,800.00	2,100.00	1,680.00	
Nuts	2,100.00	2,000.00	2,180.00	1,900.00	1,760.00	
Vegetables	952.00	900.00	1,000.00	1,250.00	800.00	
Ornamentals	2,300.00	2,000.00	1,950.00	1,600.00	1,920.00	
Aromatic	1,400.00	1,500.00	1,600.00	1,400.00	1,580.00	
Total profits						
Average						
Count (>1500)						
			15%			

- (i) Use any spreadsheet application, enter the above data exactly as it is, (05 marks)
- (ii) Use appropriate function to calculate for each month.
- Total profits (01 mark)
 - Averages for the best two profit making items (02 marks)
- (iii) Copy the entire content of sheet1 to sheet 2 , rename it as final and use it to perform the rest of the tasks (01 mark)
- (iv) June profits are estimated to increase by 15% of May profits. Calculate Caleb's June profit projection for all the items. (02 mark)

- (v) Use an appropriate function to count number of items in a months that earned monthly profits \$1500 and above. *(02 marks)*
- (vi) Filter out records using the fruits final sheet for all monthly profits above 1500.00 and paste it on sheet three, rename sheet3 as "above 1500.00" *(02 marks)*
- (vii) Draw a line graph to show Caleb profit trend from January to May. Place the graph on its own sheet named Graph. *(03 marks)*
- (viii) Insert a centered footer of your name on sheet 1, save your work as profit and print out all sheets. *(02 marks)*

END