

S850/2
Subsidiary Information
and Communication
Technology (ICT)
(PRACTICAL)
Paper 2
Nov./Dec. 2023
2 hours



UGANDA NATIONAL EXAMINATIONS BOARD
Uganda Advanced Certificate of Education

SUBSIDIARY ICT
(PRACTICAL)

Paper 2

2 hours

INSTRUCTIONS TO CANDIDATES:

This paper consists of five equally weighted questions.

Answer any three questions.

Any additional question(s) answered will not be marked.

You are provided with support files in the folder UNEB Support Files on the Computer Desktop. Use the support files, where applicable, to supplement the questions.

You are provided with a new blank Compact Disc (CD).

Use a permanent marker to write your name, random and personal numbers on your CD.

You should continually save your work.

You must produce a hard copy for each of your work to accompany the soft copy on the Compact Disc (CD).

1. (a) Using a suitable word processing software, typeset the document below and save it as **your name and personal number**. (06 marks)

Multitasking may reduce your productivity, and now a new study shows that this may happen because multitasking interferes with certain types of brain activity.

The results suggest that it is better to work on one task at a time than try to complete many tasks at once, the researchers said.

In the study, the researchers wanted to look at what happens in the brain when the process of gathering information and absorbing it is interrupted. The scientists scanned people's brains while they were watching short segments from "Star Wars", "Indiana Jones" and "James Bond" movies. [6 Foods That are Good for Your Brain]

Normally, to understand a sequence of events happening over time – as happens when you watch movies – the brain must gather information about the events as they unfold, and absorb this information. However, when a person starts paying attention to something else, which is unrelated to the sequence of events, the information-gathering and absorbing process is interrupted. This phenomenon has real-life consequences: For example, a person usually needs to make an effort to recall what happened in a TV show after a commercial break, the authors noted in the study, published April 5 in the journal Human Brain Mapping.

In one experiment, the researcher asked the people to watch 6.5-minutes segments from three movies: the participants first watched 6.5 minutes from a "James Bond" movie, then 6.5 minutes from an "Indiana Jones" movie and 6.5 minutes from a "Star Wars" movie.

Originally published on Live Science.

Source: <http://www.livescience.com/59053-why-multitasking-harms-your-productivity.html>

- (b) Copy the document to the next page. (01 mark)
- (c) Add your name in the header and your personal number in the footer. (01 mark)
- (d) Insert a suitable title for the text and apply any style of your choice. (02 marks)
- (e) Change the word "movies" to "films" in the whole document. (01 mark)

- (f) Add an automatic updating date below the source. (02 marks)
- (g) Insert any basic shape in the document. (01 mark)
- (h) Resize the basic shape and apply the text wrap. (02 marks)
- (i) Insert a watermark of your choice. (02 marks)
- (j) Set the paper size to A4. (01 mark)
- (k) Save and print your work. (01 mark)

2. Using a presentation software, create a **four-slide** presentation on **Fitness Exercises** as follows:

- (a) **Slide one:**
 - (i) Add a title and your name as the presenter. (02 marks)
 - (ii) Insert a suitable picture from the **IMAGE** folder. (02 marks)
 - (iii) Save your work as your name and personal number. (01 mark)
- (b) **Slide two:**
 - (i) Include types of physical fitness exercises in two columns. (02 marks)
 - (ii) Add two appropriate pictures from the **IMAGE** folder. (02 marks)
- (c) **Slide three:**
A bulleted list outlining the benefits of physical exercises. (02 marks)
- (d) **Slide four** should contain a conclusion. (02 marks)
- (e)
 - (i) Copy the **IMAGE** folder from the support files to your CD/DVD. (01 mark)
 - (ii) Create a hyperlink on any word in slide four to a picture in the **IMAGE** folder. (02 marks)
- (f) Apply animation effects and slide transitions to all your slides. (02 marks)
- (g) Insert your **name** and **personal number** in the footer. (01 mark)
- (h) Print your slides on one page. (01 mark)

3. (a) Use a Spreadsheet software to open the file **Hardware-Sales** and save it as **your name and personal number**. (02 marks)
- (b) Add an appropriate title to the given data. (02 marks)
- (c) Use a formular to calculate the sales per item. (02 marks)
- (d) (i) Use the brand name and the sales to generate a column graph. (02 marks)
- (ii) Place the graph on another worksheet and rename the worksheet **Sales Graph**. (02 marks)
- (iii) Include the titles of the axes on the graph. (02 marks)
- (e) Sort the data by **Item** in ascending order. (02 marks)
- (f) Calculate the sales from each category of items. (02 marks)
- (g) Format the column headings to an orientation of your choice. (02 marks)
- (h) Include a footer of your name and personal number. (01 mark)
- (i) Print all your work. (01 mark)
4. Using any desktop publishing software, design a book cover following the instructions below.
- (a) The book title is **Introduction to ICT**. (02 marks)
- (b) Use appropriate illustrations from the **IMAGE** folder. (02 marks)
- (c) Additional words on the cover are **A guide to learning Information Communication Technology Better**. (02 marks)
- (d) Draw a table on the book cover similar to the one in file called **Exampletable**. (02 marks)
- (e) Insert an artistic border around the book cover. (02 marks)
- (f) Apply any colour background to the book cover. (02 marks)
- (g) Include on the book cover, the word **First Edition** and **your name** as the author. (02 marks)
- (h) Use different font styles. (02 marks)
- (i) Adjust the paper size to A5 portrait. (01 mark)
- (j) Save your work as **your name and personal number**. (02 marks)
- (k) Print all your work. (01 mark)

5. The table below shows agro-forestry plants for sale.

Plants Table (Cost in Shs)

Plant No	Plant Name	Cost Per Plant	Quantity
AGR-001	Mango	2000	
AGR-002	Orange	2000	
AGR-003	Tangerine	1500	
AGR-004	Lime	500	
AGR-005	Pawpaw	500	
AGR-006	Avocado	1000	
AGR-007	Mvule	2500	
AGR-008	Mahogany	2500	
AGR-009	Eucalyptus	2000	
AGR-010	Passion Fruit	500	

- (a) Use an appropriate software to create a database. Save it as **your name and personal number**. (02 marks)
- (b) Design a table for the given data with appropriate data types. Save it as **Plant Table**. (03 marks)
- (c) Assign a *primary key* for the data. (01 mark)
- (d) Enter the given data in the Plant Table. (04 marks)
- (e) Mr. Mukasa Mohammad made the following order of plants:

Plant Name	Mango	Orange	Lime	Pawpaw	Mvule	Avocado
Quantity	10	25	5	15	20	30

- (i) Design a Form using the Plant table. Save it as **Plant Form**. (02 marks)
- (ii) Use the Plant Form to enter Mohammad's order in the database. (02 marks)
- (f) Create a query that calculates the amount of money Mohammad will pay for each of the plants ordered. Name the query **Moha**. (03 marks)
- (g) Create a Report for the Moha query and name it **Moha Report**. (02 marks)
- (h) Save and print your work. (01 mark)