840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
Oct. / Nov. 2020
$2^1/_2$ hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

COMPUTER STUDIES
(PRACTICAL)

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

This paper consists of **two** *sections,* **A***, and* **B***.*

Section **A** *contains* **one** *compulsory question.*

Section **B** *contains* **three** *questions. Attempt any* **two** *questions from this section.*

Any additional questions(s) answered will **not** *be marked.*

Each candidate is provided with a **new blank Compact Disc (CD)**

Candidates should continuously save their work.

Each candidate **must** *produce a* **hard copy** *for each of their work to accompany the Compact Disc (CD)*

Turn Over

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SECTION A (40 MARKS)

This Sections is **compulsory.**

1. (a) (i) Open a word processing program and typeset the given text
Save it as your name and personal number. *(06 marks)*

GPS TEXT

The Global Positioning System (GPS) is a space-based navigation system that provides location and time information in all weather conditions, anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites. The system provided critical capabilities to military, civil, and commercial users around the world. The United States government created the system, maintains it, and makes it freely accessible toany one with a GPS receiver

The US began the GPS project in 1973 to overcome the limitations of previous navigation systems, integrating ideas from several predecessors, including a number of classified engineering design studies from the 1960s. The U.S Department of Defense (DoD) developed the system, which originally used 24 satellites. It became fully operational in 1995. Roger L.Easton, Ivan A. Getting and Bradford Parkinson are credited with inventing it.

Source: https:// en.wikipedia.org/wiki/Global_Positioning_System

(i) Insert **two** blank pages after the text. *(01 mark)*

(ii) Insert page numbers in the document. *(01 mark)*

(iii) Copy the text to page 3. *(02 marks)*

(iv) Insert a watermark of your name in the document. *(02 marks)*

(v) Format each paragraph on page 3 to a hanging indent. *(02 marks)*

(vi) Add a border around the text excluding the heading and the source. *(02marks)*

(vii) Use the font dialog box to increase character spacing of the heading. *(02 marks)*

(viii) Add a footer of your **name** and **personal number**. *(01 mark)*

(ix) Save and print your work. *(01 mark)*

(b) A shop sells furniture to customers on credit. The table below shows the names of the customers and the cost of the furniture bought.

Customer Name	**Cost of Furniture ($)**	**Deposit**	**Balance**	**Monthly Instalments**
Kerai	8500			
Nitesh	5500			
Bongole	9000			
Isaac	6300			
Fundai	9500			
Shingai	6500			
Mary	7500			

(i) Using any spreadsheet software, enter the given data and save it as your name and personal number. *(04 marks)*

(ii) Add an appropriate title for the table. *(02 marks)*

Use suitable formulas /functions in questions (iii) to (v) to calculate:

(iii) Deposit which is 25% of the cost of furniture. (02 marks)

(iv) Balance after deposit. *(02 marks)*

(v) Monthly instalments which are paid equally in a period of two years. *(02 marks)*

(vi) On a new sheet, create a fully labeled Pie-Chart using the **customer name** and **cost of furniture**. Name the sheet **Customers**. *(05 marks)*

(vii) Insert your name and personal number as **footer**. *(02 marks)*

(viii) Save and print all your work. *(01 mark)*

SECTION B :(60 MARKS)

Answer any **two** *questions from this section*

(a) A proprietor of three restaurants would like to have a website to advertise the business.Design a three-page website for the restaurant as follows:

(i) **Home Page**: Should include:

- Introduction
- Links to other pages.
- A marquee
- Contact address. *(08 marks)*

(ii) **Page II**: should include: A food menu/prices in form of a table. *(08 marks)*

(iii) **Page III**: should include: a four column table to display the details of the three restaurants. *(08 marks)*

(b) Insert appropriate graphics in your pages *(03 marks)*

(c) Save your work as your name and personal number. *(01 mark)*

(d) Print your work. *(01 mark)*

2. The data below shows information about the sales of fuel to an organization by a fuel company.

CAR REG. NO	DATE OF COSUMPTION	COST PER LITRE	TYPE OF FUEL	NO OF LITRES
UPX 001	1-JAN-2011	3000	DIESEL	15
UPK 256	5-FEB-2011	3000	DIESEL	17
UPN 111	3-FEB-2011	3500	PETROL	25
UPQ 332	1-JAN-2011	3000	DIESEL	10
UPP 456	3-JUNE-2011	3000	DIESEL	15
UPB 414	15-APRIL 2011	3500	PETROL	12
UPL 606	16-APRIL 2011	3500	PETROL	20

(a) Create a database called **fuel_your name and personal number**. *(02 marks)*

(b) Design a table with the fields in the given table. Use appropriate data types for each field. Name it **Fuel Table**. *(05 marks)*

(c) Enter the given data in the **Fuel Table**. *(05 marks)*

(d) Create a form that will be used to add new records. *(03 marks)*

(e) Insert a calculated field to determine the **Total** amount to be paid. *(04 marks)*

(f) Make a query that will filter cars which consumed 15 or more litres of diesel. Save it as **Diesel**. *(03 marks)*

(g) Sort the data in the **Fuel Table** according to **Total** amount in descending order. *(03 marks)*

(h) Make a report based on the sorted **Fuel Table** and save it as **Consumption**. *(03 marks)*

(i) Save and print all your work. *(02 marks)*

3. You are required to design a six-slide presentation on computer hardware.

(a) The slides include the following information:

(a) **Slide I**: The main topic for the lesson and a brief description. *(03 marks)*

(i) **Slide II**: **Input devices**: Provide a bulleted list of at least four examples of input devices and their functions. *(04 marks)*

(ii) **Slide III**: **Output devices**: Give two device and their functions. *(04 marks)*

(iii) **Slide IV**: **Storage devices**: Tabulate the examples using two categories, Optical Storage and Non Optical storage devices. *(04 marks)*

(iv) **Slide V**: **Communication Hardware**. Identify two examples and briefly how they work. *(04 marks)*

(v) **Slide VI**: **Revision questions.** Outline three revision questions about computer hardware devices. *(03 marks)*

(b) Apply a transition to all slides and set them to loop continuously till escape. *(02 marks)*

(c) Insert the current date that updates automatically as a footer and your name and personal number as a header. *(03 marks)*

(d) Save your work. *(01 mark)*

END

Print all the six slides on the same page. *(02 mark)*