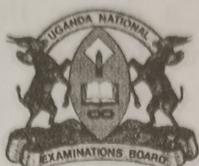


840/2
COMPUTER STUDIES
(PRACTICAL)
Paper 2
Oct./Nov. 2022
2½ hours



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. Answer any two questions from this section.

Any additional question answered will not be marked.

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 continuously save your work.

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

SECTION A: (40 MARKS)

This section is compulsory.

1. (a) (i) Using a word processing software of your choice, typeset the text below and save it as your name and personal number. (05 marks)

A computer is a device that simplifies work. It is a fast machine, it stores data and can be used to perform many other functions.

A desktop computer comes with a system unit, monitor, keyboard and mouse. All these work together to help a user perform a task.

Today, computers can be used at home, schools, libraries, banks and many other places.

A student can use a computer to store his work, create a timetable, and communicate with other students from different campuses etc..

- (ii) Copy and paste the text to the next page. (01 mark)
- (iii) Insert an appropriate heading and format it with any font style and size. (03 marks)
- (iv) Add page numbers in the form of "A, B, ..." at the bottom Centre of the page. (02 marks)
- (v) Apply double line spacing and justify the whole text. (02 marks)
- (vi) Insert a watermark as your name. (02 marks)
- (vii) Set the page orientation to landscape. (01 mark)
- (viii) Drop cap the first paragraph. (02 marks)
- (ix) Include a header of your name and personal number. (01 mark)
- (x) Save and print your work. (01 mark)

(b)

The data below shows the wages paid to casual workers by a Non-Government Organization (NGO).

Mukasa earned 700 Dollars and 500 Pounds; Omondi 200 Dollars and 150 Pounds; Bakwasizaki 250 Dollars and 160 Pounds; Mugulusi 500 Dollars and no Pounds; Otema 300 Dollars only; Matyansi 500 Pounds only and Mudoola 100 Dollars only.

- (i) Organize the given data using a spreadsheet software. Save it as your name and personal number. (05 marks)

- (ii) The table below shows the exchange rates of a forex bureau.

MBOGO FOREX BUREAU		
Foreign Currency	Buying(UGX)	Selling(UGX)
US. Dollar(\$)	3370	3380
POUND STERLING (£)	4375	4395

Note: UGX is Uganda shilling.

Enter the table on the same sheet. (02 marks)

Use appropriate formulas/functions for questions (iii) to (iv).

- (iii) Convert each worker's wage into Uganda shillings. (06 marks)
(iv) Determine the highest wage paid. (02 marks)
(v) Draw a column chart showing the workers' wages in UGX. (04 marks)
(vi) Save and print your work. (01 mark)

SECTION B: (60 MARKS)

Answer any two questions from this section.

2. The crime prevention department is in the process of sensitizing the community about Drug Abuse.

- (a) You are required to design a six-slide presentation about drug abuse as follows:
- (i) **Slide I:** Title and name of the presenter. (02 marks)
 - (ii) **Slide II:** Explanation of drug abuse. (03 marks)
 - (iii) **Slide III:** Causes and effects of drug abuse. (03 marks)
 - (iv) **Slide IV:** The data below shows drug abusers in various villages: Malire(25), Kanaga(40), Kigwa(10), Hawanda(56) and Kauswa(45). Use a table to illustrate this data. (05 marks)
 - (v) **Slide V:** Draw a graph for the data in Slide IV. (05 marks)
 - (vi) **Slide VI:** Solutions to drug abuse. (03 marks)
- (b) Use appropriate graphics to enhance your presentation. (02 marks)
- (c) Set your slide show to run automatically. (02 marks)
- (d) Insert your name and personal number as a footer. (02 marks)
- (e) Include slide numbers in the presentation. (01 mark)
- (f) Save the presentation as your name and personal number. (01 mark)
- (g) Print your work. (01 mark)

3. The table below shows data for some senior one students in a certain school.
- | Student ID | Last Name | First Name | Date of Birth | Nationality | PLE aggregate |
|------------|-----------|------------|---------------|-------------|---------------|
| 101 | Achieng | Leticia | 6/3/1997 | Ugandan | 6 |
| 102 | Abassa | Daphine | 1/1/1998 | Ugandan | 5 |
| 103 | Anayo | Janet | 8/24/1996 | Kenyan | 7 |
| 104 | Igaba | Joy | 2/8/1998 | Ugandan | 5 |
| 105 | Namanya | Daisy | 5/18/1999 | Uganda | 6 |
| 106 | Namigadde | Ruth | 1/10/1997 | Tanzanian | 4 |
| 107 | Ibale | Faith | 3/26/1999 | Kenyan | 5 |
| 108 | Parvin | Agatha | 2/18/1992 | Ugandan | 4 |
- (a) Create a database and name it **Students Records**. (02 marks)
- (b) Design a table using the information in the table above and name it **Students Data**. (06 marks)
- (c) Populate your table with the data given. (06 marks)
- (d) Create a query to filter out students whose first names start with “D” and those whose last names start with “T”. Save it as **Query 1**. (04 marks)
- (e) Create a query to retrieve all those students whose dates of birth are between 1/1/1994 and 1/31/1999; sort the results first names in ascending order. Save it as **Query 2**. (04 marks)
- (f) Create a form called **Student Form** using the **Student Data** table.
Include all fields. (03 marks)
- (g) Use the **Student Form** to enter your personal record with a **Student ID** of 109. (02 marks)
- (h) Generate a report from **Query 2** and save it as your name and **personal number**. (02 marks)
- (i) Save and print all your work. (01 mark)

4. (a) A company wishes to develop a website for its Hotel. Using a web authoring software, design a web site of four pages for the Hotel as follows:

- (i) **HOME PAGE:** Include the Hotel name, Hotel motto, contact address and a bulleted list of the services offered by the Hotel. (05 marks)
- (ii) **EMPLOYEES:** Include a table of Current Employees and their contacts. (05 marks)
- (iii) **BOOKING:** Include an online booking form for customers. The form should include; Name, Address, and Gender, Room type, Type of payment (Cash, Credit Card or Mobile Money), and a submit button. (07 marks)
- (iv) **BRANCHES:** Include names of Hotel branches in other areas.
 - (a) Create active links to the entire website. (02 marks)
 - (b) Apply a suitable background colour. (01 mark)
 - (c) Insert relevant graphics to your website. (02 marks)
 - (d) Add a Logo for the Hotel. (02 marks)
 - (e) Save the website as your name and personal number. (01 mark)
 - (f) Print all your web pages. (01 mark)