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 time-table, 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*)

Turn Over

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 "I". 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.
(04 marks)

(b) Create active links to the entire website.
(02 marks)

(c) Apply a suitable background colour.
(01 mark)

(d) Insert relevant graphics to your website.
(02 marks)

(e) Add a Logo for the Hotel.
(02 marks)

(f) Save the website as your **name** and **personal number**.
(01 mark)

(g) Print all your web pages.
(01 mark)

END