

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July/Aug 2023
2 ½ Hours



KAMSSA JOINT MOCK EXAMINATION

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** consists of **TWO compulsory** question 1(a) and 1(b).

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

Each candidate is provided with a **Compact disc or Rewrite CD**

Candidates should continuously save their work.

Each candidate must produce hard copy for each of their work to accompany the compact disc. Flash Disks are not allowed

SECTION A

Compulsory questions

1. (a) Using word-processing application software of your choice, typeset and format the text given as instructed. (03marks)

Gerontocracy is a state or group governed by old people. In its purest form, the council of elders govern for the greater good of the community based on the concept of Ubuntu. Ubuntu is a Nguni Bantu term meaning "humanity". It is often used as a philosophical term to describe, "The belief in a universal bond of sharing that connects all humanity". It is in this context that our elders would govern for the greater good of the community and be driven by the idea that the well-being of the society trumps that of the individual.

The criteria of elders established order and determined by demonstrated wisdom and knowledge and experience and not just age. During traditional gathering of elders everyone sits in order of age with the eldest at the head and the youngest further away.

The council of elders is not about autocratic rule or dictatorship but about consensus building to shape the community. In the social order of traditional Africa, the men are the elders and they serve as judges, rulers and advisors in their community. In many African societies like in the Christian Bible the eldest son has a special position within the family.

- i. Add suitable title for the text and format it to font Arial black and colour green. (02marks)
- ii. Change the line spacing of the paragraphs to 1.5pts. (02 marks)
- iii. Use a Word processing feature to double Strike through the third paragraph. (02marks)
- iv. Justify align all the paragraphs and change the font size to 13. (01mark)
- v. Apply two-page colours of your choice that will ensure contrast. (01 mark)
- vi. Add drop caps to all the paragraphs with 2cm spacing from text. (03marks)
- vii. Format the second paragraph to two columns with a line in-between. (02marks)
- viii. Set the page margins to 2.54cm top and bottom, the left and right margins to 0.5 inches. (02 marks)
- ix. Save as your name and personal number and print your work. (02marks)

1b) the table below shows the amount of rainfall that was received in ten districts of Uganda in the year 2012 and 2013.

- i. Use Spreadsheet software of your choice to tabulate and manipulate the data as instructed. (5 marks)

District	Region	Rainfall in 2012 (mm)	Rainfall in 2013(mm)	Average
Hoima	Albertine	3000		
Wakiso	Central	9000		
Abim	Northern	4000		
Kitgum	Northern	4500		
Kapchora	Eastern	7000		
Mbarara	Western	8000		
Mbale	Eastern	5000		
Rukungiri	Western	7600		
Kampala	Central	20000		
Kalangala	Southern	15000		

- ii. If the amount of rainfall reduced by 15% in 2013, use absolute referencing to determine the Rainfall values in that year. (2marks)
- iii. Insert a new column called *average* and use a formula to calculate the average rainfall for the two years. (3marks)
- iv. In the rows after last record in the table, compute the highest and lowest rainfall received in the two years. (2marks)
- v. Using function, count all districts that received rainfall above 5000mm in 2013 (2marks)
- vi. Add a column of Rank after the last column and use a function to rank the districts in ascending order (2marks)
- vii. Align the column heads to 45° orientations. (2marks)
- viii. Add a suitable title and borders around your work. (2marks)

SECTION B

Answer any two questions from this Section

2. The table below shows a library database of kyampisi secondary school. Use a database management system of your choice to create the database and save it as your **Name_library**

BOOK ID	BOOK NAME	PUB DATE	SHELF NO	CATEGORY	STATUS
KSK/001	Ethical Policy	01-11-1990	003	IT	Not Available
KSK/002	Psychology	12-03-1979	023	Social Science	Not Available
KSK/003	C programming	29-05-1989	024	IT	Available
KSK/004	Networks	03-07-1975	234	IT	Available
KSK/005	Communication	04-08-1970	340		Not Available
KSK/006	Accounting	22-08-1980	123	Business	Available
KSK/007	Public relations	05-02-1977	230K		Not Available
KSK/008	Graphics	04-08-1970	023	Art	Available
KSK/009	Law of contract	04-08-1970	345	Law	Not Available
KSK/010	Venture capital	08-09-1960	678	IT	Not Available
KSK/011	Marketing	12-12-1990	345	Business	Not Available
KSK/012	Introduction to art	13-08-1998	001	Art	Available

(02marks)

Design the above table with appropriate data types to hold the records. Save the table as **Library Records**

(5 marks)

- i. Use the lookup wizard for the Category field (2 marks)
- ii. Assign the BOOK ID No field as **an auto number data type** and format the field appropriately. (2 marks)
- i. Insert a primary key in the appropriate field. (1 mark)
- ii. Create a form and use it to enter records in the table save as **LibraryRecords**. (4marks)
- iii. Create a query to filter out books in IT department that are not available. Save it as **Not available** (3marks)
- iv. Create a query to filter out books that were published in 1970 save as **1970publication**. (3 marks)
- v. Design a new query to extract all books whose names start with character "e" and it as **Borrowers**. (3 marks)
- vi. Query out all books with unknown category save as **"unknown category"** (2 marks)
- vii. Design a report from a borrower's query and save it as **borrowers' report** (2 marks)
- viii. Save and print your work. (1mark)

3. Using a web design software, Design a four page website for your computer club and save it as your name and personal number (2marks)

(5 marks)

i. **Home page:** Includes a big banner with the page title.

- Brief history of the club.

- Address and location.

(3 marks)

ii. **Page II:** Includes the activities of the club.

iii. **Page III:** Includes a hierarchical origination chart presenting the Club's leadership structure. (The chairperson below him is his assistant. The secretary, publicity, the treasurer and the coordinator report to the Assistant chairperson directly) (5marks)

iv. **Page IV:** Pictorial gallery about the achievements of the club. (4 marks)

b) Apply different background colour schemes to each page. (4marks)

c) Link your pages for easy navigation. (2marks)

d) Apply a marquee to page titles. (1mark)

e) Save and print your pages.

4. (a) The chairperson of Sedume village has a workshop to sensitize his village about food security. You are required to create a presentation he will use to sensitize his citizens about food security as follows;

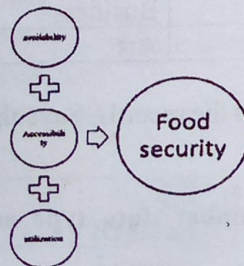
Slide One Includes the topic and the name of the presenter. (3 marks)

Slide Two Introductory slide with the definition of food security. (3 marks)

Slide Three Two content slide layout containing the methods of preserving food in your community. (3marks)

Slide Four Benefits of having enough food in the village. (3marks)

Slide Five Three pillars of food security using the shape below (3marks)



b) Using master slide view, add a background colour of your choice to the presentation. (2 marks)

(2 marks)

c) Apply minimal animation and transition in your presentation. (1 mark)

(2 marks)

d) Loop your presentation to run continuously until escape .

(2 marks)

e) Add relevant clip arts in your presentation. (2marks)

(2marks)

f) Add action buttons to link all slides in the presentation. (2marks)

(2marks)

g) Include speaker notes to the first slide as "sedume village presentation"

(2marks)

h) Insert a footer of your name and a date that updates automatically. (2marks)

(2marks)

i) Save as your name and personal number and print the hand out. (2marks)

(2marks)

END