

840/2

**COMPUTER
STUDIES
(PRACTICAL)**

Paper2

JUL/AUG.2019

2½ hours



MUKONO EXAMINATION COUNCIL

Uganda Certificate of Education

COMPUTERSTUDIES

(PRACTICAL)

Paper 2

2hours30minutes

INSTRUCTIONS TOCANDIDATES:

This paper consists oftwoSections; A and B.

Section A contains onecompulsoryquestion.

Section Bcontains threequestions. Answer any twoquestions from this section.

Anyadditionalquestionsanswered willnot bemarked.

Each candidateis provided with anewblankCompact Disc (CD).

Candidates shouldcontinuously savetheir work.

*Eachcandidate**must**produceahardcopyforeachoftheirworktoaccompanytheCompactDisc(CD).*

SECTION A (40 MARKS)

1(a) Using a word processing program, type the document below as it appears and save it as

‘energy ’

(05 Marks)

Deepening energy crises

Most Kampala residents have shifted from using electricity to charcoal , previously regarded as a cheap source of energy for the poor . But the charcoal prices have doubled within less than a year.

“The country is already neck deep in the firewood crises”, says Otim “Now, people are paying for not taking action’.

However, Otim says the energy crisis is localized meaning that some areas have been hit by the scarcity while others have in abundance.

To cope with the crises, some people especially low income earners now buy cooked food from the evening roadside markets

Required

- i) Insert the following table after the first paragraph of the text above.

USE OF ENERGY IN UGANDA	
Sources of fuel in Uganda	Innovations
<ul style="list-style-type: none">• Firewood• Charcoal• Kerosene• Gas	<ol style="list-style-type: none">1. Improved2. Stoves3. Hydro

- ii) Copy and paste the last two paragraphs onto the second page of this file and do the following on the copied text: **(1 mark)**
- iii) Insert a title ‘effects of the crises’ and make it italic, underline and font type Arial Black. **(4 marks)**
- iv) Change the font size of the body to size 14. **(1 marks)**
- v) Change the left indentation of the last paragraph to 0.5” (inches). **(2 mark)**
- vi) Change the table borders to red. Fill the columnar cells with Red shading. **(4 marks)**
- vii) Insert your name and class as footer of your document. **(2 marks)**
- viii) Print your work. **(1 mark)**

b) The following records were extracted from the books of two leading school canteens in Gulu schools. Use it to attempt instructions following and save as “Gulu canteen”.

Item	Canteen No.	Quantity	Unit price	Total sales
Fruits	Canteen A	34	500	
Ice cream	Canteen A	12	600	
Toilet paper	Canteen B	67	800	
Yellow banana	Canteen B	100	2800	
Cosmetics	Canteen A	45	5000	
Stationery	Canteen B	34	450	
Sugar	Canteen A	23	4500	
Cowboy	Canteen A	12	4000	
Chapat	Canteen B	23	1200	

Instructions

- Enter the above table in a suitable spreadsheet program of your choice. **(2 marks)**
- Apply a line boarder around your work. **(1 mark)**
- Copy and paste in sheet two of your work. **(1 mark)**
- Determine the total sales of each commodity. **(2 marks)**
- Use the data series for item and total sales to create a column graph. Remember to insert a chart heading ‘Gulu’s Best canteen Total Sales.’ **(3 marks)**
- Place your legend at the bottom of the graph. **(1 mark)**
- Skip three rows after the last item and add highest and mode as labels and use a suitable function to determine their values for quantity, Unit Price and total sales. **(2 marks)**
- Add a label after Mode for Total canteen B sales; determine the total sales arising from canteen B using a suitable function. **(4 marks)**
- Rename the tab sheets one and two to Original and pasted respectively. **(1 mark)**
- Insert a header of your name and footer today’s date. **(1 marks)**
- Change the tab color for original to red and pasted to yellow. **(1 mark)**
- Print a copy of your work. **(1 mark)**

SECTION B (60 MARKS)

2. The debating club of your school is conducting an inter class competition for 2019. You have been asked to generate a presentation that will be used to cast important information to the audience. Include the following content.

Slide one: **(3 marks)**

On this slide, include the motion that is “ICT has brought major changes in lives that have made life meaningful”. Include the date of the debate (insert today’s date) and the venue as the school’s main hall.

Slide two: organization of the debate **(3 marks)**

On this slide, include the name of the chairperson, secretary, timekeeper and chief whip centered. Include a table of 2X2 to include the names of the proposers and opposers. Remember to right align proposers’ names.

Slide three: floor participation **(3 marks)**

The floor speakers will be allowed to pose points of information, order, clarification, etc. each speaker will be allowed 3 minutes.

Slide four: conclusion: **(3 marks)**

On this slide, you are to indicate three advantages of participating in the inter class competition. After the last advantage, indicate your name for the person who has designed the presentation.

Instructions:

- a) Insert three relevant graphics in your presentation. **(1 mark)**
- b) Add slide numbers on your presentation beginning from number 7. **(2 marks)**
- c) Ensure that your presentation is automated to loop until Esc. **(3 marks)**
- d) Include text animation and slide transition to enhance presentation appearance. **(4 marks)**
- e) Use a master slide to add a clipart of a teacher in the bottom right Conner of each slide. **(2 mark)**
- f) Include your name as footer. **(2 marks)**

- g) Include the word “Information and Communication Technology” as header. **(2 marks)**
- h) Save your work as ‘DEBATE 2019’ **(1 mark)**
- i) Print your work in handouts. **(1 mark)**

3. The table below gives information on some students in a certain secondary school about their registration numbers, names, class, Date of birth and names of houses where they reside. Create a database with a name ‘registration’ to hold the following database objects. **(3 marks)**

REG NO	Names	CLASS	D.O.B	HOUSE
NTS/001	Lule S	S.2	02/jun/2006	Rwenzori
NTS/002	Kizza V	S.2	12/sept/2004	Kidepo
NTS/003	Omeda A	S.4	15/jan/2001	Kidepo
NTS/004	Sempebwa S	S.3	16/oct/1999	Rwenzori
NTS/005	Kibuuka D	S.2	13/jun/2007	Rwenzori
NTS/006	Amit J	S.3	15/feb/2003	Amboseli
NTS/007	Semuli M	S.5	17/feb/1998	Kidepo
NTS/008	Sendi J	S.1	12/jan/2008	Amboseli
NTS/009	Kasanya D	S.1	11/dec/2009	Rwenzori
NTS/010	Onen L	S.4	16/jun/2000	Kidepo

Instructions:

- a) Create a table called ‘personal details’. **(9 marks)**
- b) Assign Registration number Auto number data type and House field with lookup wizard. **(2 marks)**
- c) Insert a primary key in the appropriate field name. **(1 mark)**
- d) Enter the data above in a table created using a form saved as ‘NTS form’. **(4 marks)**
- e) Create a query for Rwenzori house members and are in S.2. Save as ‘S2R’. **(3 marks)**
- f) Create another query to return those born before 2002, save it as ‘mature’ **(3 marks)**
- g) Create a report that shows the following fields: Name, Class and House and group members using class. Save the report as ‘registration.’ **(4 marks)**
- h) Print one copy of your database objects created above. **(1 mark)**

4. You have been awarded a contract of designing a site made up of four pages for NKOOTE FM, your school's radio station. The following information is to be included on the website.

Page one: Index Page

- a) Should be a home page with a shared banner with the page name NKOOTE home and title NKOOTE FM website and station motto "At NKOOTE we Share." **(2 marks)**
- b) A marquee with words 'Welcome to NKOOTE FM Online' slightly after the page banner and should not be shared. **(3 marks)**
- c) Provision for active links to other pages of the site. **(3 marks)**
- d) Not more than 100 words on your home page.

Page two: Program Lineup

(3 marks)

- e) Add a table and think of your own programs with the times at which they are on air e.g. News, Sports Update, NKOOTE Top 20 count down, e.t.c. **(3 marks)**

Page three: Photo Gallery

- f) Add about 8 well organized photos from the clip art collection to represent how this page be used. **(3 marks)**

Page four: Contact us

- g) Add on this page in bulleted format: **(8 marks)**
 - Telephone contact (office)
 - Telephone contact (studio line)
 - Location of Radio Station.
 - Postal Address of the Station.
 - The phrase, "Click here to give us your feedback," which a visitor to the website can follow to send an e-mail.

N.B: Assign an imaginary corresponding numbers and address to the above.

- h) Insert your name in the right bottom corner of each page. **(2 marks)**
- i) Save your website as NKOOTE. **(2 mark)**
- j) Print your work. **(1 mark)**

End -