

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
AUGUST, 2011
2¼ hours

JINJA JOINT EXAMINATIONS BOARD
Uganda Certificate of Education
MOCK EXAMINATIONS – AUGUST, 2011
COMPUTER STUDIES
PRACTICAL
Paper 2
2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES:

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

*Section A consists of **one** compulsory question.*

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

*Each candidate is provided with a **new formatted 3.5" diskette of high density or a blank compact disc - rewritable.***

*Each candidate **must** produce a hard copy for each of his/her work to accompany the diskette or compact discs.*

*Software help wizard **must not** be used.*

SECTION A (40 MARKS)

This section is compulsory

1. (a).(i). Type the text below as it is using a word processing program, and save it as “energy crisis”

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 Ditch, “Now people are paying for not taking action.”

However, Ditch 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 crisis, some people especially low income earners now buy cooked food from the evening road side markets.

Adapted from the NewVision Monday, December 22, 2008.

- (i) Insert the following table after the second paragraph of the text above. (4 marks)

Sources of fuel in Uganda	Innovations
• Fire wood • Charcoal • Kerosene • Gas	Improved Stove Hydro

- (ii). Copy and paste the last two paragraphs onto the second page of this file and do the following to the copied text. (1 mark)

- Insert the title “effects of the crises” make it italic and under line, font type Arial. (3 marks)
- Change the font size of the body of the text to size 14 (1 mark).
- Change the left indentation of the paragraph to 0.5 inches. (2 marks)
- Insert your name and index number as the footer of your document (1 mark).
- Save your work as “illustrations” (1 mark)
- Print out your document (1 mark).

(b). A farmer's income and expenditure is shown in the spread sheet below:

	A	B	C	D	E
1	RATES				
2		Increase	3%		
3		Decrease	2.5%		
4					
5					
6	INCOME	Maize Sales	500000		
7		Wheat Sales	300000		
8		Millet Sales	125000		
9				925000	
10		Total Income			
11	EXPENDITURE				
12		Fertilizer	340000		
13		Labor	100000		
14		Transport	90000		
15					
16		Total Expenditure		530000	
17					
18	PROFIT			395000	
19					

If expenditure is decreased by 2.5% and income goes up by 5%.

1. Calculate the figures in cells E10 and E16 to find the total Income and expenditure in each case. (4 marks)
2. Calculate the figure s in cell E18 to find the profit. (2 marks)
3. Calculate the new expenditure in cells F12, F13 and F14. (3 marks)
4. Calculate the new Income in cells F6, F7 and F8. (3 marks)
5. Calculate the new profit in cell G18. (2 marks)
6. Save your work as (Farmer) (1 mark)
7. Print your work (2 marks)

SECTION B: (60 Marks)

Answer any questions from this section.

2. The table below is a record of employees in a certain Industry.

SURNAME	FIRST NAME	SEX	DATE OF BIRTH	TELEPHONE NUMBER	ADDRESS
Namubiru	Sarah	F			
Otim	Emmanuel	M			
Mutesi	Magret	F			
Babirye	Loy	F			
Waiswa	Charles	M			
Waibale	Samuel	M			
Zaidi	Juma	M			

- (a). Create a database and save it as "Employee"
- (b). Create a table of the data above and save it as "staff record".
- (c). Choose an appropriate field and make it the primary key.
- (d). Design a form using the database table, and name it "Entry data form". Use it to populate the table.

The form should display :

- All field options as they appear in the table except the sex field which should be a combo box to display "sex"
 - Fill the background with yellow color.
- (e). Sort the record in the table in descending order of the surnames. (2 marks)
 - (f). Filter only female staff employees and produce a report. (4 marks).
 - (g). Print the report in ascending order. (2 marks).

3. Computer viruses are some of the biggest challenges the world faces today.

As a student of computer studies, you have been asked to educate the computer users on how to go about this threat.

Create seven slides which you are going to use during the presentation. Each slide should have:

- The relevant message needed to convey the required information.
- Your name, Index number and slide number as footer at the right of the slide.
- It should run by the click of the mouse.
- Use minimal graphical effect to make the presentation entertaining. A relevant clip art placed on the right of the slide.
- Be able to convey the appropriate message to the users.

- (i). Slide 1 should include the title and definition of Viruses, your name and School. (3 marks)
- (ii). Slide II should include symptoms of viruses. (5 marks)
- (iii). Slide III should include damages made by viruses to the computer and its accessories. (5 marks)
- (iv). Slide IV should include the ways through which viruses enter our computers. (3 marks)
- (v). Slide V should include precautions taken to prevent viruses from entering computers. (6 marks)
- (vi). Slide VI should include cure of viruses when they have entered the computer. (3 marks).
- (vii). Slide VII should include Name of common anti viruses you are familiar with. (2 marks)
- (viii). Save your presentation as "Viruses" (1 mark).
- (ix). Print your slides as hand out notes on three pages. (2 marks).

4. Using a suitable web publishing soft ware, design a two page website for your former primary School:

(i). The first page is the Index or Home page, it should include:

- The name of the School and a School logo. (4 marks).
- (The logo does not have to be actual logo of the School) (2 marks).
- The location of the School, the foundation body and any relevant Introductory Information. (2 marks).
- Address of the School(Not the actual one) (2 marks)
- A facility for visitors to send an e-mail. (2 marks).
- Navigation bars. (2 marks).

(ii). The second page should contain a bulleted list of the departments in the School, and a table showing a list of four teachers and the subjects they teach. (10 marks).

- The two pages must be linked together. (2 marks).
- Save your web site as "Primary School" (2 marks).
- Print out the pages. (2 marks)