

840/2
**COMPUTER STUDIES
PRACTICAL**

Paper 2
July 2013
2 ¼ Hours

UGANDA CERTIFICATE OF EDUCATION
INTERNAL MOCK EXAMINATIONS 2013

COMPUTER STUDIES EXAMINATION

Paper 2

(PRACTICAL)

2 ¼ Hours

INSTRUCTIONS TO CANDIDATES

This paper consists of two sections, A and B.

Answer all questions in section A and any **two** questions in section B

You are required to create a folder with your full name and index number in on hard disk drive
C:\Lanschool Files and Save all your attempted questions in the above folder.

DO NOT use Software help wizards in your work.

SECTION A (40 MARKS)

Answer all questions in this section

1. a) using an appropriate word processing program and prepare the following extracted document from http://www.huffingtonpost.com/2013/07/22/kate-middleton-baby-born_n_3385491.html as it appears: (08 marks)

Duchess Of Cambridge Gives Birth!

Kate Middleton's baby is finally here! Buckingham Palace confirms that the Duchess of Cambridge has given birth to a baby boy, the first child for her and Prince William.

Kate was admitted to St Mary's Hospital on the morning of July 22. She and Prince William arrived via car through a secret side entrance.

The birth comes after an anxious waiting period. Beginning in early July, press and fans camped outside the Lindo Wing of St Mary's Hospital waiting for the duchess to arrive on her speculative due date... only to be left waiting for days more.

The duchess' pregnancy was announced in December 2012, following months of royal

baby rumors perpetuated by the tabloids. The day of the announcement, Kate was admitted to the hospital for treatment for hyperemesis gravidarum. The illness, an acute form of morning sickness, was thought to be serious enough to affect her entire pregnancy, preventing her from making many public appearances.

But over the course of her second and third trimesters, Kate was as active as ever. Between engagements at schools, museums and Buckingham Palace garden parties, Kate also made time to shop, go to Starbucks and walk her puppy in Hyde Park.

Source: http://www.huffingtonpost.com/2013/07/22/kate-middleton-baby-born_n_3385491.html

- b) i) Reproduce another copy of the same document on page two. (01 marks)
ii) Centre align, and underline the heading of the pasted document with 16 points, and Georgia font face. (02 marks)
iii) Add an Intense Quote style to paragraph two. (02 marks)
iv) Indent sentences 5 and 5 by 1.2 inches on either side, and italicize them. (02 marks)
v) Apply line spacing of 1.5 and justified alignment to the document. (02 marks)
vi) Provide your index number and name in the right hand side of the footer. (01 mark)
vii) Save your document with your index number as its name. (01 mark)
- a) Below is a spreadsheet showing employees record **Blue Print Ltd in Mukono** District. You are required to;
- i) Open a suitable application program and enter the data below exactly as it appears maintaining the respective cell addresses. (05 marks)
ii) Save it as **Absolute Day Book** (01 mark)

A	B	C	D	E	F	G	H	I	J
Blue Print Ltd Employees Records									
	Name	Basic Pay	Transport Allowance	Night Duty Allowance	Gross Pay	Revenue Tax	Net Pay	Rank	Employee Category
1	Timothy	800000	4100	2000					
2	Titus	600000	6000	2000					
3	Theresa	160000	2500	2000					
4	Twaha	120000	9000	2000					
5	Swabulah	150000	10000	2000					
6	Tobias	200000	5000	2000					
	Revenue tax =		10%						

Additional information:

- Gross pay is the equivalent of basic pay plus all allowances
- Net pay is a function of gross pay minus tax

- (i) Using absolute cell referencing, calculate the Revenue Tax for all employees having in mind that it is 10% of basic pay. (02 marks)
- (ii) Calculate the Gross Pay. (02 marks)
- (iii) Calculate the Net Pay. (02 marks)
- (iv) Determine the highest tax payer by use of a function (02 marks)
- (v) Add the name Hood between Twaha and Swabulah. By use of functions determine his gross pay, revenue tax and net pay. (04 marks)
- (vi) Rank all the employees basing on their basic pay. (02 marks)
- (vii) All employees whose revenue tax is less than 20,000= are categorized as "**Form**" while others are categorized as "**Substance**". Use a simple if function to determine the category to which each of employee. (02 marks)

SECTION B: (60 MARKS)

Answer any **two** Questions from this section

2. The table below gives information about a small home business in Kampala. Study the tables carefully to answer their related questions.

Table 2: Transactions Table

TransID	Qty Sold	Trans Date	Price	CustID	ProdID	Total Amount
T1120	500	20-01-13	200	C2240	P3200	
T1121	325	21-01-13	400	C2241	P3201	
T1122	425	22-01-13	450	C2242	P3202	
T1123	150.	23-01-13	120	C2243	P3203	
T1124	85	24-01-13	250	C2244	P3204	

T1125	450	25-01-13	800	C2245	P3205	
T1126	512	26-01-13	500	C2246	P3206	

NB: Total Amount is a product of "**Price**" and "**Qty Sold**"

Table 2: Customers Table

CustID	CustName	Gender	CustPhone	CustLocation
C2243	Titus	M	+254 258 147	Kisumu
C2240	Timothy	M	+254 147 369	Kampala
C2242	Theresa	F	+254 123 456	Kisoro
C2241	Theopista	F	+254 456 789	Kitale
C2245	Teddy	T	+254 369 456	Kigali
C2244	Tobias	M	+254 789 963	Kampala

You are required to:

- (i) Create a database and save it as **HomeInventory** in the folder you created. (03 marks)
 - (ii) Design table 1 assigning appropriate data types, and **using a look up wizard for the "Gender" field.** (05 marks)
 - (iii) Design table 2 assigning appropriate data types (05 marks)
 - (iv) Create a simple one to one relationship between the two tables. (03 marks)
 - (v) Create a query for Kampala and Kisoro customers, and save it as "**Royals**" with fields of; CustID, CustNames, CustPhone, CustLocation, and Qty bought. (05 marks)
 - (vi) Create a calculated query to return the "**Total Amount**" of the products sold. Save it as "**Calc Query**". (03marks)
 - (vii) Query table 1 get out those transactions that took place between 21st January and 25th January. Save it as "**Early bird**". (03 marks)
 - (viii) Create a report using table1(**Register**) and save it as "**My Report**" (03 marks)
3. As an experienced student of computer studies, you have been appointed by your teacher to go and talk to the new S.1s about the subject called computer studies on their first careers day in the orientation week. The topic is "**Computer Studies**".
- a) Prepare a five slide presentation to deliver your content to the senior ones considering the following;
 - I. Slide **one** is a title slide. (02 marks)
 - II. Slide **two contains a description of computer studies.** (04 marks)
 - III. Slide **three** should have key topics in computer studies plus their importance (04 marks)
 - IV. Slide **four should have tabulated evidence of how candidates** have been performing in the subject in the last four years (04marks)
 - V. Advantages of doing computer studies in your school. (04 marks)

- b) Let your slides have a fly-in transition effect from top left corner (03 marks)
- c) The slides should be able to convey the appropriate message to the community. (4 marks)
- d) Apply a swivel animation effect to all slide titles and checkerboard for the other sections of the slide. (02 marks)
- e) Insert the current date and your first name as your footer. (02 marks)
- f) Save your presentation with your "index number" on a CD (01 mark)

4. It is now fashionable that even individuals have personal websites where they can e-transact, post relevant documents, and hold topical discussions.

Using any appropriate web publishing software, design a couple of web sites about yourself, based on the following tasks;

- a) A home page with relevant general welcoming information to your visitors. (03 marks)
- b) Other pages with the following information:
 - Page II: Family background, and friends. (03 marks)
 - Page III: academic qualifications, leadership and work profile (03 marks)
 - Page IV: Hobbies and interests (03 marks)
 - Page V: Personal spiritual life with a statement about your person relationship with God. (03 marks)

Note:

- (i) Create a moving marquee page title for the home page. (02 marks)
- (ii) Use appropriate graphics for the different pages. (05 marks)
- (iii) Appropriate background colour mix. (02 marks)
- (iv) Include your contact details as the website designer (02 marks)
- (v) Include page navigation hyperlinks (02 marks)
- (vi) Save your website with your name and index number. (02 marks)

End