840/2

COMPUTER STUDIES

PRACTICAL

Paper 2

July 2017

$2^1/_4$ hours

UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

COMPUTER STUDIES PRACTICAL

Paper 2

2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES:

The paper consists of **two** *sections,* **A** *and* **B**

Section **A** *contains* **one** *compulsory question that takes 40 marks.*

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

Any additional question(s) answered will **not** *be marked*

Each candidate is provided with a **new flash disk"** *or a* **blank compact -disc rewritable**.

Candidates should continuously save their work

Each candidate **must** *produce a* **hard copy** *for each of their work to accompany the diskette or compact disc.*

Software wizards must not be used.

Create a folder on the desktop with all your names and save your work there

SECTION A (40 MARKS)
This section is compulsory
(You are expected to spend 25 minutes on this question)

1. (a) Type the following statements. (03 marks)

Dear brother/sister
Ramathan for body and soul
This article provides useful advice on how to avoid some common problems encountered in Ramathan. If followed, it would enable one to fast comfortably and enjoy the spiritual benefits of Ramathan. Come Ramathan our diet is radically altered.

Our meals get condensed in morning and evenings with no intake in between for an extended period of time. For some of us, the intake of oily food skyrockets. These changes in diet are not well received by everyone.

Yours in Allah
Shake Hubei

Required:

i) Change the case of title to **UPPER CASE** and **bold it** and change the font of all the text size 13. (02 marks)
ii) Instead of word brother/sister put both your names. (01 mark)
iii) Apply a header as your company name. (Use word art where necessary). (02 marks)
iv) Justify the two paragraphs and copy your two paragraphs to page two, duplicate them to form eight paragraphs. (02 marks)
v) Put your eight paragraphs into three columns with a line between them. (03 marks)
vi) Insert today's date and time in the left footer section and update it automatically and an Auto text **Page X of Y** to the right. (02 marks)
vii) Apply a three lines 3point page border around your document (01 mark)
viii) Apply a footnote as **Ramathan tips.** (03 marks)
ix) Save your work as your name and make a print out. (01 mark)

(b) Equatorial College School has decided to do two kinds of tests marked out of 40 and 60 respectively. Use the information given below to answer the questions that follow.

STUDENT NAME	Set One	Set Two	Total Mark	Average Mark	Grade
Richard	59	65			
Deogratious	62	50			
Henry	92	79			
Ivan	85	68			
Daphine	60	49			
Urban	88	73			
Dickens	72	45			
Benjamin	62	60			
Crispino	85	60			
Godson	66	90			

Required

i) Using a spreadsheet package of your choice type the above data as exactly it appears and save it as **Students Records** in your folder. (04 marks)

ii) Calculate the total mark for each student (02 marks)

iii) Calculate the average marks for the students (02 marks)

iv) Using the "if statement, assign grades to students using their Total marks in a way that , marks above 80, assign a **D1**,75-79, a **D2**, 70-74, a **C3**, 60-69, a **C4**, 50-59, a **C5**,the rest an F. (03 marks)

v) Add a column comment and determine the comments as follows; 80+ = **"Excellent"**, 70-79 = **"Very Good"**, 60-69= **"Tried"**, 50-59 = **"Fair"** otherwise **"Work Hard"**. (03 marks)

vi) Select the names, set one and total columns to form a column chart with appropriate title and labels. Save it as **Pictorial Analysis**. (03 marks)

vii) Using this chart, convert the values for set one into a line graph. (02 marks)

viii) Apply **red** all borders and also make a printout. (02 marks)

SECTION B (60 MARKS)

(You are supposed to spend 40 minutes on this number)

2. You have been approached by the **Computer Club president** in your school to design for them a database. Study the information below and answer the questions that follow.

CODE	STUDENT NAME	CLASS	PAID AT START	DATE	MEMBERSHIP FEE
M001	MUGABE U.	S.4.K	☑	2/3/2007	2500
M002	KAMANZI C.	S.5.Scie		2/5/2008	4500
M003	MUGANZI	S.6.Arts		3/5/2009	10000
M004	OPIO S.	S.5.Arts		2/6/2003	2400
M005	FURAHISA M.	S.6.Scie	☑	5/6/2005	7450
M006	BAKIIRI D.	S.4.K		6/8/2008	3500
M007	NSUBUGA J.	S.4.K		6/7/2004	3000
M008	OJAMBO S.	S.6.Scie	☑	1/3/2007	4500
M009	AMANYIRE C.	S.5.Scie		5/6/2008	4600
M010	OYITA P.	S.6.Arts		9/9/2008	8000
M011	TWISIGIMANA D.	S.4.K	☑	5/7/2008	6500
M012	MANZI S.	S.5.Arts		2/6/2007	10000
M013	GUDDI H	S.6.Scie	☑	5/6/2007	6500
M014	BAMUTUNGIRE P.	S.5.Arts		6/5/2009	8500
M015	BENJAMIN T.	S.4.K	☑	3/4/2006	10000

(a) Create a database called **Computer Club** and create a table called **Students Table** with the appropriate datatypes and enter the data above.   (08 marks)

(b) Create the following queries whose members have;

  (i) Names between A-G. Name this query **A-G query**.   (03mark)

  (ii) Code between1-10 and joined the club between 2004 and 2007. Save this query as **M001-10 query**.   (03 marks)

(c) Create a form from **M001-10 query**. Name it **M001-10 Form**.   (02 marks)

(d) In the form above add date and time and a header as "**The Wizards Club 2017**" in font size 18 and a footer of your names and reg no.   (03 marks)

(e) Create a report with the names in ascending order, tabular layout and casual style. Name it **Computer Report**.   (02 marks)

(f) Given that complete membership Fee is **10,000**, create a query to display their balances in a new field BALANCE. Save it as **Balance**.   (03 marks)

(g) Create a query to filter out all those members from S6. Name it **S6 ICT Query**.   (03 marks)

(h) Create another query that will return their years spent in the club in a new field named YEARS. Name it **Actual Years Spent**.   (03 marks)

(You are supposed to spend 40 minutes on this number)

3. You have been approached by a football club to design for them a website. Choose any club of your choice out the following tasks; save your name and person number.   (02 marks)

(a) Design a nice looking **Home page** for the team with the following features

- ❖ Heading: **Club name**, underlined and font color green   (03 marks)
- ❖ Background color: Blue
- ❖ A proper image on top of the page
- ❖ Brief notes in three paragraphs describing the team   (04 marks)

(b) Include a table of contents on the Home Page   (04 marks)

(c) **Page 2**   (06 marks)

- ➕ Add the heading as **Club players of My Favorite Team**
- ➕ Use a table to present the club players using a player name, age, position on field and T-Shirt number for at least four players

(b) **Page 3** Include a form for interested players to fill.   (04 marks)

(d) Use **marquee** to present your name as a designer on every page.   (03 marks)

(e) Hyperlink your **web pages** using Navigational/interactive buttons.   (03 marks)

(You are supposed to spend 40 minutes on this number)

4. Farming is the most important activity in Uganda. Majority of Ugandans rely heavily of farming to survive. As a concerned Ugandan, You are required to make a presentation on farming.

Guidelines

(a) Make slide one a Master Slide and customize it as follows

- Mountain Top as the slide design   (01 mark)

- A picture of a tree or flower aligned to the top left   (01 mark)

- A footer in your name and personal number centered   (01 mark)

- An 8pt Pink line between the master and text style place holders.   (02 marks)

- Preset rain ball background color.   (01 mark)

- Date and Time to the right   (01 mark)

(b) Create four slides with the following
i) A title slide with the topic and definition of farming.   (02 marks)
Add a **Star Shape** with a text **2017** in Blue color bolded and underlined (02 marks)

ii) A text slide with problems faced by farmers in Uganda.   (03 marks)
iii) A text slide with steps taken by the government to solve farmers' problems.   (03 marks)
iv) A two column text slide showing a list of each cash crops and a list of food crops grown in Uganda.   (04 marks)
Note: Add a 6pt blue vertical line between the lists

(c) In your presentation:
    i) Use box out and set it automatically after 00.02 sec.   (02 marks)
    ii) Use Elegant as the animation scheme to view the slide.   (01 mark)
    iii) Apply clip art and word art where necessary.   (01 mark)
(d) Link all slides to one another using action buttons with a word **NEXT** in every action button used.   (02 marks)
(e) Save the presentation as **Farming in Uganda**   (01 mark)
(f) Make a print out of four slides per page as a hand-out.   (01 mark)