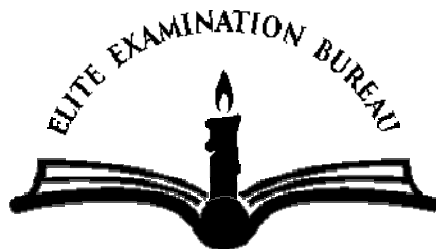**840/2**
COMPUTER STUDIES
Paper 2
JULY/AUGUST 2019
2 ½ hours

ELITE MOCK EXAMINATIONS BOARD
Uganda Certificate of Education

COMPUTER STUDIES
Paper 2

2 hours 30 Minutes

INSTRUCTIONS TO CANDIDATES:

- *This paper consists of* **two** *sections,* **A,** *and* **B.**
- *Section* **A** *contains* **one compulsory** *question.*
- *Section* **B** *contains* **three** *questions. Answer any* **two** *questions from this section.*
- *Each candidate is provided with a* **blank compact disc – rewritable**.
- *Each candidate* **must** *produce a hard copy for each of their work to accompany the diskette or compact disc.*
- *Software help wizards* **must not** *be used.*

SECTION A: (20 MARKS)
*Answer **all** questions in this section.*

1. (a) (i) Using a suitable word processing software, type this document as it is. *(06 marks)*

The Best Way to Make a Fortune in the Stock Market

I am not talking about a crisis or a bear market — though the market's December drop does play a role in it.

The shift I'm talking about will bankrupt many investors who've made gobs of money during this historic bull market over the past 10 years ... and make millionaires out of a totally different type of investor.

Whether you are one of those millionaires will depend entirely on your understanding of history. Anyone with a passing knowledge of stock market history should already know all about the massive shift I'm about to describe ...

I'm talking about a shift in the balance of power between two huge investment forces ...

Common stocks are, in general, regarded as a medium for Speculation — not for Long Term Investment. Bonds, on the other hand, are generally held to be the best medium for Long Term Investment — free from the hazards of Speculation.

Smith compared several baskets of more or less randomly chosen stocks versus high-grade bonds. The result was always the same: Stocks outperformed bonds.

	Cap ($B)
FAANG + Microsoft	**4,406**
Shanghai (SSE) China	4,026
Hong Kong (China)	3,936
Euronext (EU)	3,927
London Stock Exchange	3,767
Deutsche Börse	1,864

Source: Shutterstock

  (ii) Copy and paste the document to page 2. (2 Marks)
  (iii) Using the copy on page 2, centre, bold, double underline the heading and make it font size 15. (2 Marks)
  (iv) Add a first line indent of 0.5 inches to all paragraphs. (1 Marks)
  (v) Italise the source of this document and make it font style Tahoma size 10.5. (1 Marks)
  (vi) Insert right aligned page numbers in the header of the document and your name and index number centered in the footer. (2 Marks)
  (vii) Apply diagonal up boarders to the table. (2 Marks)

(viii)   Insert a row at the end of the table and calculate the **total** Cap

(2 Marks)

(ix)   Save your work as **_Fortune.doc_**   (1 Marks)

(x)   Print your work.   (1 Marks)

(b)   The statistics below show rainfall received in Tororo District for six months (in mm) as follows:
June – 286, July – 281, August – 291, September – 158, October – 181, November – 133, December – 191.

Required to:

(i)   Tabulate the data in a worksheet. Include a title for the table called rainfall statistics.   (5 Marks)

(ii)   Calculate the **overall average** monthly rainfall received in the six months. In row 10 of the spreadsheet.   (2 Marks)

(iii)   Create a column graph of all the entries above showing the **average** and **actual** amount of rainfall per month.   (3 Marks)

(iv)   Provide a suitable title for the graph in (iii) above and label the x and y axes. Place the chart as an object in sheet1, below the table.   (3 Marks)

(v)   Create a pie chart showing the amount of rainfall received in percentage. Place the pie chart as an object in sheet1, just below the bar graph.

(4 Marks)

(vi)   Write your name and index number in a cell just below the pie chart.

(1 Marks)

(vii)   Save your work as GULU RAINFALL   (1 Marks)

(viii)   Print your work well on one page, organized in the printable area.

(1 Marks)

SECTION B (60 MARKS)
Answer any **two** _questions from this section_

2.   Cholera is one of the major killer epidemics in Africa. As an informed person, you are required to design a slide show on _Cholera, the cause of demise:_

(a)   Create 4 content slides: (2 Marks)

(i)   Content Slide **One** should elaborate on the causes and spread.(4 Marks)

(ii)   Content Slide **Two** should focus on the signs and symptoms.   (4 Marks)

(iii)   Content Slide **Three** should the prevention and treatment methods.

(4 Marks)

(iv)   Content Slide **Four** should show an illustration using a suitable clip art picture related to Cholera on the right hand side with related text on the left hand side.   (4 Marks)

(v)   Insert a **title** slide for the presentation, with links to all the above four slides.   (3 Marks)

(vi) Add back, next and home action buttons to link one slide to another.   (2 Marks)

(vii) Include your name and index number on each slide as a copyright.   (2 Marks)

(viii) Apply limited animations and slide transitions.   (2 Marks)

(ix) Print the title slide, slide 1, slide three and slide four together as a handout scaled to paper size A4 landscape.   (2 Marks)

(x)   Save your presentation in slide-show format as Cholera show. (1 Marks)

3. Kanambatiko Secondary School provides the following tables. You have been employed the database manager of the school.

Table one:
Basic information

Student	Name	Other	Class	Sex	Fee
KPS-001	Mpiima	Isaac	5A	Male	160,000
KPS-002	Mudhe	Joy	3B	Female	360,000
KPS-003	Rukundo	Moses	4B	Male	150,000
KPS-004	Ssempala	Invas	5A	Male	160,000
KPS-005	Mbabazi	Milly	5A	Female	150,000
KPS-006	Mudyobole	Isma	3B	Male	120,000
KPS-007	Mawalo	Michael	3B	Male	500,000
KPS-008	Mutumba	Gloria	6A	Female	200,000
KPS-009	Kayemba	Robert	3B	Male	120,000
KPS-010	Cholye	Richard	3B	Male	120,000
KPS-011	Wamanga	Moses	4B	Male	200,000
KPS-012	Asiimwe	Harriet	6A	Female	300,000

Required:

a) Using a suitable database management system software program of your choice, create a database to hold the above data and save as 'kanambatiko'. (2 Marks)

b) Design a table and save as the given table name. Use a dropdown list to cater for sex and class.   (6 Marks)

c) Insert a primary key in the correct field.   (1 Marks)

d) Create a form using datasheet which you will use to enter the above data into a table respectively.   (4 Marks)

e) Suppose a student was to pay 500,000 fees, use a form to calculate the balance.   (5 Marks)

f) Create query to determine students that have paid fees between 150,000 and 160,000 and save it as 'fees'. (4 Marks)

g) Create another query to return names of students whose name has letter 'a' and save as 'name a'. (4 Marks)

h) Create a report for all female students in descending order. (4 Marks)

3. Dynamic Roses, a flower farm which produces roses for various functions such as weddings, funerals, birthdays and other parties and sells its products both locally and abroad, has four managers namely:

➢ Mukebezi Alex (General Manager) – in charge of overall management.

➢ Arinaitwe Peterson (Deputy General Manager) – acts on behalf of the General Manager

➢ Baalimoga George (Production Manager) – responsible for growing and packing flowers

➢ Rotich Andrew (Marketing Manager) – responsible for selling, transportation and collection of revenue.

Imagine you have been approached to design a website for the company. Create a website consisting of:

(a) A home page with links to all departments, a company logo and an introductory paragraph about the company with between 50 – 100 words. (5 Marks)

(b) Apply marquee effect on home page with a word "Dynamic Roses flower Farm" in red colour. (3 Marks)

(c) A page on management staff detailing the different managers and their roles. (5 Marks)

(d) A photo gallery showing pictures of different products.(Use at least three clip-art pictures to demonstrate how this page is to be used) (4 Marks)

(e) A contact page having:
➢ A feedback provision where a visitor to the page can send an email. (4 Marks)
➢ The physical postal addresses and telephone lines for the company. (4 Marks)

(f) Assign appropriate page titles to the above WebPages. (2 Marks)

(g) Save your website as **Rose farm**. (1 Marks)

(h) Include your name and index number as footer for all pages and print your work. (2 Marks)

END