

840/2

COMPUTER EDUCATION

Paper 2

24 July 2014

2 % hours

ENTEBBE JOINT EXAMINATION BUREAU Uganda

Certificate of Education COMPUTER EDUCATION

PRACTICAL PAPER

2 hours 15 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 new, formatted 3.5" diskette of High Density bLank CD-RW

Create a folder in your name and index number on the desktop where all your work should be saved first, and thereafter transferred to the CD provided

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

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

o-C - 2 2014 Entebbe Joint Examination Bureau: Camp. Educ.

1.(a) The Business club of your school has been invited to a seminar shortly next week. The club has been asked to show a simple marketing flow chart used in home trade.

(i) Typeset the following as it appears. (08 marks)

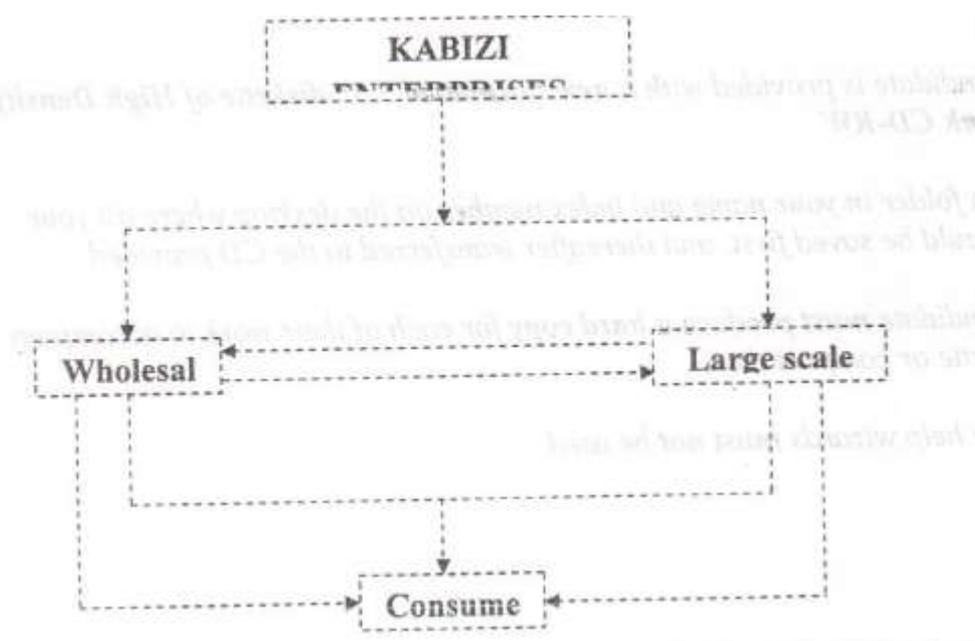
MARKETING FLOW CHART

Marketing is a very important aspect in the process of production of goods and services. A good entrepreneur studies the market pattern and then decides on the marketing technique to employ. He / she carefully chooses a channel of distribution also called a

marketing flow chart that theoretically illustrate how goods move from this production warehouse to the final consumer.

A good marketing flow chart includes the following:

- ./' Wholesalers .
- ./' Retailers .
- ./' Agents .
- ./' Distributors.



ii) Create another copy of your typeset document on page three. Use the pasted copy to complete the following. (01 mark)

iii) Format the page margins for the entire document as follows.
(02 marks)

Top and Bottom Margins 4 cm
Right and Left Margins 2 cm

iv) Add a caption to appear at the bottom of your marketing flow chart to read 'Marketing Flow Chart'.
(02 marks)

v) Include a header and footer as your name and index number.
(02 marks)

vi) Add page numbers at the top left corner of the page using -1-, -2 - , format (01 mark)

vii) Underline, bold and italicize the word goods whenever it appears in the text.
(01 mark)

iii) Save and print your work as flow chart exit the application.
(01 mark)

b) The following information was submitted by meteorologists at Entebbe to perform some statistical analysis and graphical representation.

Using the spreadsheet program of your choice, enter the following data as it is.
(05 marks)

	A	B	C	D	E	F	G	H
1	WEATHER CONDITIONS AROUND KAMPALA							
2	RAINFALL (MM)			TEMPERATURE (°C)			COMMENT	
3	Morning	Afternoon		Morning	Afternoon	Actual	Afternoon Temp	
4	DAYS							
5	Monday	0	136.2		26.7			
6	Tuesday	231	136		28			
7	Wednesday	321	137		26.2			
8	Thursday	111	140		27.9			
9	Friday	0	130		28.2			
10	Saturday	200	136		25.9			
11	Sunday	410	140		27.2			
12	TOTAL							
13	AVERAGE							
14	MAXIMUM							
15	MINIMUM							
16			10%					
17								

(i) Copy and paste your work onto the second worksheet of the same workbook. Name the first worksheet "Original" and second worksheet "Final." Use the Final worksheet to perform the rest of the work.

- (ii) Assuming the Morning temperature dropped by 10%, show this percentage drop in column F and finally determine the Actual Afternoon Temperature in column G. (04 marks)
- (iii) Compute the totals, Average, Maximum and minimum rainfall and temperature for the week. (04 marks)
- (iv) Use a formula to enter in the comment column either "HOT DAY" for those temperatures above 25. or "COLD DAY" for temperatures below 25.0 (02 marks)
- (v) Sort the data in descending order based on the afternoon rainfall column (01 mark)
- (vi) Include your Name and Class as footer. (01 mark)
- (vii) Save your work as Weather. (01 mark)

SECTIONB: (60 marks)

Attempt any two questions in this Section

2. The School Nurse is planning a Student's workshop shortly this month. He has requested you to prepare a presentation entitled 'Cholera' with the following sub-heading.

INSTRUCTIONS:

- a) Insert one slide (Slide one) to contain a title: Cholera. On this slide, write your name as a presenter. Layout your text to create better slide usage. You are free to vary the font sizes. (04 marks)
- b) Insert a slide (Slide two) to contain a title: How Cholera is spread. On this slide, list five possible causes of computer viruses in a computer lab. This list must be ordered. (04 marks)
- c) On slide three, provide a title: Symptoms of outbreak in an environment (04 marks)
On slide four, mention the ways of preventing Cholera outbreak in an environment. (04 marks)

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- d) Create a slide, with a title, conclusion: on this slide, include a conclusion emphasizing the dangers of in a school Environment.

(04 marks)

Provide for the following.

- e) Insert relevant graphics. (02 marks)

- f) Use today's date and time on each slide. (It should update automatically.) (01mark)

- (g) Include slide numbers starting from slide. (01 mark)
- n) Re - arrange slides such that slide 3 comes ahead of slide two. (01 mark)
- i) Entry animation of diamond for the first three slides and fly in for the last slide. (02 mark)
- (j) Loop your slides until one presses escape. (01 mark)
- (k) Save your work as 'viruses. (01 mark)
- (l) Print a copy of your work. (01 mark)

3. Bukalasa Mixed farm provides the following data mentioning a range of farm animals and related data. Use it to attempt instructions attached below it

TABLE ONE: Basic Information

AnimalId	Animal Name	Sex	Date of birth
NMF/001	Waibi	M	13/12/2000
NMF/002	Africa	M	16/08/2000
NMF/003	Small	M	17/02/1999
NMF/004	Kyobika	M	02/04/1999
NMF/005	Lillian	F	04/10/2001
NMF/006	Kafupi	F	27/02/2006
NMF/007	Daudi	M	23/07/2005
NMF/008	Patrick	M	03/06/2004

AnimalId	Animal Name	Sex	Date of birth
NMF/009	Aminah	F	09/10/2004
NMF/010	Fridah	F	22/09/2007
NMF/011	Agnes	F	03/09/2003
NMF/012	Wakitaka	F	10/10/2008
NMF/013	Kamyuka	M	22/02/2003
NMF/014	Walugembe	M	26/12/2004
NMF/015	Sagna	F	30/01/2009

TABLE TWO: Other information

AnimalId	status	Water consumption(cm3)/ Day	Weight(kg)
NMF/001	Sickly	12	95
NMF/002	Normal	20	120
NMF/003	Normal	10	455
NMF/004	Normal	42	370
NMF/005	Sickly	65	210
NMF/006	Normal	23	456
NMF/007	Normal	10	700
NMF/008	Sickly	25	654
NMF/009	Normal	14	321
NMF/010	Sickly	23	258
NMF/011	Sickly	20	369
NMF/012	Sickly	36	147
NMF/013	Sickly	18	102
NMF/014	Normal	19	106
NMF/015	Normal	17	204

a) Create a database using a suitable program and save it as 'Mixed Farm'.

(02 marks)

b) Create two tables above with appropriate data types and primary keys; use the Lookup wizard for the Status field in the other information table.

(04 marks)

c) Design and use a form to enter data into the table designed in (b) above.

(10 marks)

d) Ensure that a one to one relationship exists between the tables.

(02 marks)

e) Create the following queries to return the following.

(i) All animals that were born between 10/09/1999 and 10/12/2006 that are normal and save as 'born'. (04 marks)

(ii) Animals that have water consumption above 12 litres and have a weight that is above 200 kgs and save as 'water.' (03 marks)

(iii) Create a query for all animals whose names end with letter a. The query should have the following fields. Animal ID, Animal Name and Animal Weight. (03 marks)

(iv) Create a calculated query to return the total amount value in the information table. Save your query as calculated query.

f) Create a report of the calculated query and save it as calculated report.

(02 marks)

Using any available Web - publishing software, design a two - page website

For your former primary school:

The first page is the Index or Home page, it should include:

- The name of the school and a school logo. (02 marks)

(The logo does not have to be the actual logo of the school. (02 marks)

- Any introduction information. (02 marks)
- Address of the school (does not have to be the actual address. (02 marks)
- A facility for visitors to send an e-mail to the school. (02 marks)
- Navigation bars (02 marks)

Turn Over

(ii) The second page should contain a bulleted list of the department in the school, and a table showing at least four teachers indicating the classes and the respective subjects they teach. *(08 marks)*

- Include page navigation links
- Appropriate background
- Moving marquee page title for the different pages
- The two pages must be linked together.
- Save your Website as name_ primary school.
- Print out the home page and the linked pages

(02 marks) (02 marks) (02 marks) (02 marks) (01 mark) (01 mark)

END