S850/3
SUBSIDIARY ICT
(PRACTICAL)
Paper 3
Nov./Dec. 2017.
2 hours

UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Advanced Certificate of Education

SUBSIDIARY ICT
(PRACTICAL)

Paper 3

2 hours

INSTRUCTIONS TO CANDIDATES:

This paper is made up of **five** *equally weighted questions.*

Answer any **three** *questions.*

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

Each candidate is provided with support files in the folder **UNEB Support Files** *on the Computer Desktop. Use the support files where applicable to supplement the questions.*

Each candidate is provided with a **new blank Computer Disc (CD)**.

Candidates should continuously **save** *their work.*

Each candidate **must** *produce a* **hard copy** *for each of their work to accompany the* **Compact Disc (CD)**.

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Answer any **three** *questions in this paper*

1. (a) Using a word processing software, open the file **document xy** and save it as your name and personal number. *(02 marks)*

(b) Underline the heading with a dotted line. *(01 mark)*

(c) *Drop cap* by three lines the first paragraph. *(02 marks)*

(d) Convert paragraph two into two columns with a line in between. *(02 marks)*

(e) Insert page numbers, centre aligned in the **A**, **B**, **C** format. *(02 marks)*

(f) Insert an appropriate watermark of size 38. *(02 marks)*

(g) Insert a page break after the first paragraph. *(01 mark)*

(h) Insert the **image100.jpg** on the first page. *(03 marks)*

(i) Apply a page boarder on the first page only. *(01 mark)*

(j) Insert your name as the header and today's date as the footer. *(02 marks)*

(k) Set paper size to A5 for the whole document and print your work. *(02 marks)*

2. As an ICT student, you are required to use a suitable publication software and design a four cover for the magazine called *Agriculture for Better* as follows:

(a) Use appropriate layout, paper balance, font variation and relevant pictures. Save it as your name and personal number. *(10 marks)*

(b) Insert a clip to represent the writer at the bottom of the cover. *(02 marks)*

(c) Use your name as the author of the magazine. *(01 mark)*

(d) Insert automatic current date to appear as the date of publication. *(02 marks)*

(e) Apply suitable background for the cover. *(03 marks)*

(f) Insert your name and personal number as a header. *(01 mark)*

(g) Save and print your work *(01 mark)*

3. A medical centre wishes to computerize all its patients' records.

(a) Create a database for the centre and save it as your name and personal number. *(01 mark)*

(b) In Design View, create a Table with the following properties and save it as **Patient Bio Table**. *(03 marks)*

Field Name	Properties
Patient Name	Text (20)
Sex	Text (1)
Residence	Text (25)
Patient Code	Text (4)
Date of Visit	Date/Time(short Date)
Diagnosis	Text (25)

(c) Create a form for **Patient Bio Table** and enter the records below, save it as **Patient Bio Form**. *(03 marks)*

Patient Name	Sex	Residence	Patient Code	Date of Visit	Diagnosis
Adriko Sam	M	Kasese	ADS009	3/4/2006	Malaria
Akech Sally	F	Bulamu	ADS010	13/01/2006	Septic wound
Ddumba Zam	F	Rubaga	ADS011	21/11/2005	Infection in chest
Talemwa Steve	M	Kasawo	ADS012	3/10/2005	Malaria
Sango Dan	M	Bulenga	ADS013	13/03/2006	Inflamed joints

(d) In Design View, create another table with the following properties and save it as **Patient billing Table**. *(04 marks)*

Field Name	Properties
Patient Code	Text (4), Primary Key
Prescription	Memo
Consult_fee	Number
Treat_fee	Number
Medical Bill*	Number

**Medical is a calculated field which is Consult_fee + Treat_fee*

(e) Populate the **Patient Billing Table** with the following data;(*03 marks*)

Patient code	Prescription	Consult fee	Treat fee	Medical bill
ADS009	Dualcortem	15,000	25,000	
ADS010	Tetanous vaccine, daily dressing	15,000	20,000	
ADS011	Ciproflaxin tabs, PPF injection	15,000	15,000	
ADS012	Chloroquine injection	15,000	30,000	
ADS013	Referred to sickle Cell Clinic-Mulago	15,000	5,000	

(f) Create a **one-to-one** relationship between the **Patient Bio Table** and the **Patient Billing Table**. (*01 mark*)

(g) Create a query which extracts from **Patient Bio Table** only those patients who were not diagnosed with Malaria. Save it as **Anti-Malaria**. (*02 marks*)

(h) (i) Create a report showing *Name*, *Residence*, *Prescription* and *Medical Bill*. Save it as **Clinic Report**. (*01 mark*)

(ii) Include a report footer of your name and personal number. (*01 mark*)

(i) Print all your work. (*01 mark*)

4. As a peer educator, you have been told to prepare for a workshop where you will address the youth about a topic "Adolescence". A folder called **Images** has been provided to help you get all the related pictures.

(a) Prepare a presentation with six slides about adolescence as follows:

i. **Slide one:** Introduction about the topic. (*02 marks*)

ii. **Slide two:** Characteristics of male adolescents. (*02 marks*)

iii. **Slide three:** Characteristics of female adolescents. (*02 marks*)

iv. **Slide four:** Effects of uncontrolled adolescence. (*02 marks*)

v. **Slide five:** Advice to adolescents. (*02 marks*)

vi. **Slide six:** Telephone contact is +256-56418545, website address is *www.youthclub.org* and email is *info@youthclub.org*. (*01 mark*)

(b) Select any four pictures and insert them on appropriate slides. (*04 marks*)

(c) The presentation should run automatically without stopping.(*01 mark*)

(d) Insert your name and automatic date as a footer. (*02 marks*)

(e) Save your presentation as your name and personal number. (*01 mark*)

(f) Print all your slides on one page. (*01 mark*)

5. (a) Using an appropriate spreadsheet application, load the file **Exam results** and save it as your name and personal number. (*02 marks*)

(b) Rotate the titles to an angle of 60 degrees. (*02 marks*)

(c) Copy the table to sheet 2 and rename the sheet **modified**. (*02 marks*)

(d) Using appropriate functions, compute;

i. total marks obtained by each student to be placed in **column P**. (*03 marks*)

ii. average marks to one decimal place obtained in the compulsory subjects (*English, Mathematics, Geography, History, Biology*, and *Chemistry*). Place the average marks in **column Q**. (*03 marks*)

iii. the number of students who sat for Computer as one of their optional subjects. Place the result in cell **C25**. (*02 marks*)

iv. the highest score obtained in Chemistry. Place the result in cell **C26**. (*02 marks*)

(e) Sort the students' records in descending order according to their total mark. (*01mark*)

(f) Insert a footer of your name and personal number. (*01mark*)

(g) Include all borders on the table. (*01 mark*)

(h) Save and print the work. (*01 mark*)

END