



Dr. Blosa Science

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UACE S850 Subsidiary Information and communication technology (ICT) Paper 1 2023

Answer any three numbers

2 hours

Answer three questions

1 (a) Use a word processor of your choice to type the document below as it appears. Save your document as your name and personal number. (07marks)

The path to wider access to telecommunications services

Telecommunication reforms have led to more competitive markets in many of the countries studied.

The result has been impressive growth during the first half of the 2000s, particularly in the mobile telephony.

The challenges will be to sustain this growth in the face of significant barriers.

A number of key policy recommendations, if followed, would sustain growth and deepen access to telecommunication in the region

- There is ample scope for further sector reform in most countries. According to a 2006 report from GSM Association, poor regulation has reduced telecommunications investment in Africa by US\$4.6billion.
- Countries should pursue liberalization by simplifying licensing regimes, lifting remaining bars to market entry, and examining the feasibility of introducing mobile number portability and mobile virtual network operators.
- Mobile telephone access should be incorporated into established goals for universal access so as to leverage the successful spread of mobile communications.
- High-speed connectivity over fiber optic cable is prerequisite for e-government and other socioeconomically beneficial applications.

Source: Information and Communication Technology in sub-Saharan Africa. A sector review by Michael Mingos.

- (b) Copy and paste the text to the next page of your document. (01mark)
- (c) Change the heading to uppercase, font size 16.5 and center it. (03 marks)
- (d) Insert the footnote “is the provision of telephone services to phones which may move around freely rather than stay fixed in one location” on word telephony.
- (e) Insert your name and personal number as a header. (01mark)
- (f) Insert the word “Telecommunication” as a watermark with font size 54. (03marks)
- (g) Include page number whose format is alphabetical letters. (02marks)
- (h) Print your work. (01 mark)

2. (a) As treasurer to your school’s Debating club, use a spreadsheet software to prepare the budget below. Save your work as your name and personal number

	A	B	C	D	E	F	G
1	DEBATING CLUB’S END OF YEAR BUDGET						
2	S/N	ITEM	QUANTITY (kg)	UNIT PRICE (SHS)	TOTAL COST (SHS)	DISCOUNT	DISCOUNTED PRICE
3	1	SALT	30	1000			
4	2	WHEAT FLOUR	23	3500			
5	3	BEER	55	7000			
6	4	FRESHBEAN	23	2000			
7	5	FRESH PEAS	12	25000			

- (b) Use appropriate formula/function to compute the
 - (i) TOTAL COST per item 902marks)
 - (ii) DISCOUNT given- the discount is 1.3% of the TOTAL COST of an item (02 marks)
 - (iii) DISCOUNTED PRICE that the club will pay (02 marks)
- (c) Represent the items with their representative discounted prices on a pie chart. Save it on another sheet. (05 marks)
- (d) Insert your name and personal number as a footer. (01 mark)
- (e) Print all your work

3. The table below shows some of the participants in an ICT youth conference in Uganda

(a) Use any database management software to create a database called ICT youth (01mark)

ICT Youth Table

ID NUMBER	NAME	SEX	DATE OF BIRTH	DEPARTMENT	ADDRESS
2014/1	Tushabe Adrine	F	12-June-190	Education	Kasangati
2014/2	Nayabare Rita	F	23-February-1995	Insurance	Masaka
2014/3	Ogwal Peter	M	03-January-1990	Banking	Jinja
2014/4	Gwokyala Grace	F	14-March -1988	Technical	Mbarara

(b) Create a table with appropriate data type and populate it using the data above. Save it as ICT Youth Table (07marks)

(c) Generate a form from the table. Save it as *ICT Youth form*. (03marks)

(d) Use a query to filter out all youth excluding those from the insurance DEPARTMENT. Save it as ICT Youth Query. (04 marks)

(e) Use the table to generate a report for the participants. Save it as ICT Youth Report. (03 marks)

(f) Print all your work (02marks)

4. Many people world over, have tried to explain how important time is. Many definitions have been given as illustrated below;

- Time is a resource
- Time is money
- Time wasted is never gained, and many others.

(a) You are required to prepare a 4 slide presentation to students advising them on time management (08marks)

(b) Insert a link to www.google.com on the third slide and name it "**research**". (08marks)

(c) Insert a **self-updating time** on each slide in your presentation. (02 marks)

(d) Insert relevant images to all your slides. (02 marks)

(e) Apply slide transitions to all your slides. (02 marks)

(f) Apply animation to the name of the presenter in the first slide. (02 marks)

(g) Save your work as your name and personal number. (01 marks)

(h) Print your work. (01 mark)

5. (a) Using a suitable publishing software, design an identity card with the information given below. (14 marks)

Identity card heading:	Organization name of your own choice in WordArt format
Address:	P. O. Box 234 Kampala
Telephone Number:	0413556887
Email address:	Organization e-mail address
Website:	Organization website
Employee Name:	Your name
Position:	ICT manager
ID Number :	2014/115
Date of issue:	01/01/2014
Expiry Date:	01/01/2016

(b) Add an image to act as the owner's photograph (02 marks)

(c) Insert an appropriate logo. (02marks)

(d) Save and print your work (02 marks)

Please obtain free downloadable notes of general paper, biology, economics, geography etc. from digitalteachers.co.ug website

Thanks

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