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UACE S850 Subsidiary Information and communication technology (ICT) Paper 1 2013

Answer any three numbers

2 hour

Answer three questions

1 Open a word processing software and type the document below as it is. Save it as **Sub-ICT**. (07mark)

SUBSIDIARY INFORMATION AND COMMUNICATION TECHNOLOGY TEACHING SYLLABUS

Introduction

This syllabus was developed after looking at the need for Information and Communication Technology (ICT) knowledge and skills among learners and how these help to improve on the teaching-learning process. The education sector and the world of work require an individual to possess ICT knowledge and skills. This is evidenced by the demand for computer literacy and computer skills for respective job vacancies being advertised today.

The syllabus has been prepared to help the learner acquire ICT knowledge and skills required to meet the challenges of ICT applications in society. The syllabus emphasizes use of practical examples whenever possible to teach ICT applications which the world of work expects a high school graduate to possess

The subsidiary ICT syllabus is meant to help the learner acquire skills required by end user of ICT and which can be applied in a variety of fields.

[Source: NCDC Teaching syllabi for Subsidiary Mathematics and Subsidiary Information and Communication Technology. Page 88, Volume 10, 2013]

(b) Make a copy of the document to another page (01mark)

(c) Insert an appropriate clip art in your document (02mark)

(d) Make the first letter of paragraph 2 a Drop Cap of three lines. (02marks)

(e) Insert a footnote "we are ready to move with ICT" on the word ICT in paragraph 1. (02 mark)

(f) Insert a watermark as **Educational Transformation**. (02marks)

(g) Insert the current date and right align it (02mark)

(h) Insert your Name and personal number as a header. (01mark)

(i) Save and print your work. (01 mark)

2. In this question, you are going to be working with a template developed by the canteen manager of your school.

Study the template and additional information given below

ITEM	COST PRICE	VAT TAX	PROFIT	ITEM EXPENSES	ITEM PRICE
MACARON					50000
RICE					60000
BREAD					80000
BOOKS					24000
PENS					12000
SUGAR					30000
DOUGHNUTS					10000
JUICE					12500
SAMOSAS					8000
TOTAL					

- VAT TAX IS 18% OF THE ITEM PRICE
- PROFIT IS 20% OF THE ITEM PRICE
- ITEM EXPENSES ARE CALCULATED AT HALF OF THE ITEM PRICE
- ITEM PRICE IS EQUIVALENT TO COST PRICE PLUS VAT TAX, PLUS ITEM EXPENSES, PLUS PROFIT

NOTE: Use functions for parts (b) to (e).

(a) Enter the above template in a spreadsheet application of your choice. Save it as **Canteen Template**. (04marks)

(b) Determine the canteens' VAT Tax, PROFIT, and ITEM EXPENSES for each item. (03mark)

(c) Determine the cost price for each item. (01 mark)

(d) Determine the total amount for each column. (01 mark)

(e) Assuming that the budget that was read dropped the item prices by 10% (02marks)

(i) Insert a column NEW ITEM PRICE at the end of the table

(ii) Determine the new item price for each item

(f) Let your figures be formatted to UGS currency symbol. (02marks)

(g) Represent the ITEMS, ITEM PRICES and NEW ITEM PRICES on appropriate line chart. (04marks)

(h) Insert a centered header of your name and personal number in the worksheet. (01mark)

(i) Name your work sheet as **Income Statement**. (01mark)

(j) Print your work. (01 mark)

3. (a) Using any publication software, design business card using details below;

COMPANY NAME:	EUNIBERT INTERNATIONAL LTD P. O. BOX 9298 KAMPALA TEL: 07740775582, +2547089179
TITLE:	MANAGER
CAR**D OWNER:**	Use your name
DEALERS IN:	STATIONERY, COMPUTERS
EMAIL:	use your email address

(b) Adjust the orientation to portrait (02marks)

(c) Insert a logo of three letters. (02marks)

(d) Insert clip art behind the text (02 marks)

(e) Apply word art to your company name (02marks)

(f) Apply font color, font style and design. (02marks)

(g) Make six identical cards per page in your publication. (03marks)

(h) Save your work as **Business cards** (01 mark)

(i) Print your work (01 mark)

4. You have been selected to sensitize the public about the introduction of subsidiary ICT at A-level.

(a) Use a presentation software to deliver your presentation with the following content:

(i) Slide 1: A presentation title with word art and you as the presenter. (02marks)

(ii) Slide 2: An introduction about the subject. (02marks)

(iii) Slide 3: Use bullets to outline the reasons for studying the subject. (03 marks)

(iv) Slide 4 Present the table below (04marks)

MY SENIOR FIVE SUBSIDIARY ICT RESULTS		
TERM	**MARK SCORED**	**COMMENT**
ONE	76	GOOD WORK
TWO	83	VERY GOOD
THREE	79	GOOD WORK

(v) Slide 5: Present the first two columns of the table on a column graph with a slide title A GRAPH REPRESENTING MY SENIOR FIVE ICT MARKS. (04marks)

(b) Use relevant images and color to enhance your presentation (01mark)

(c) Add a header and footer as your name and personal number respectively. (02marks)

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

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

5. The table below represents Kagali Secondary School students' data

STUDENT NUMBER	**NAME**	**SEX**	**AGE**	**CLASS**	**HOME DISTRICT**
K0067	Babirye	F	18	S.5	Iganga
K0078	Najjuka	F	19	S.3	Masaka
K0045	Aronda	M	20	S.4	Mbale
K0043	Nassuna	F	25	S.6	Arua
K0140	Sempa	M	17	S.2	Mityana
K0134	Mulira	M	45	S.6	Zirobwe

(a) Create a database and save it as Kagali database (01mark)
(b) Create a table to compute the given information with appropriate data types. (03marks)
(c) Enter the data in the table. (02marks)
(d) Generate a form to record the following field: **STUDENT NUMBER, NAME, AGE, and HOME DISTRICT**. Save it as **Students' form**. (02marks)
(e) In the form
  (i) Insert any clip art or picture from the library to appear as a logo. (02 marks)
  (ii) Include the title as KAGALI SECONDARY SCHOOL with font size 20. (02marks)
  (iii) Indicate the date and time it has been created. (01mark)
(f) Use a query to filter out student(s):
  (i) from Masaka district. Save it as **Masaka**. (01 mark)
  (ii) with the age above 18. Save it as **Age**. (02 marks)
(g) Generate a report from the table. Save it as **Students' Report**. (02marks)
(h) Add your name and personal number as footer on your report. (01mark)
(i) Print your work. (01mark)

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

Thanks: Dr. Bbosa Science