

S850/3  
Subsidiary Information and  
Communication Technology  
Practical paper  
PAPER 3  
July/August 2017  
2 hours



## WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

SUBSIDIARY ICT

(Practical)

Paper 3

2 hours

### INSTRUCTIONS TO CANDIDATES:

- The paper is made up of five equally weighted questions.
- Attempt **any three** questions in this paper.
- Any additional question(s) answered will **not** be marked.
- Each candidate is provided with a new **blank compact disk, Rewritable (CD-RW) AND NOT FLASH DISK.**
- Each candidate **must** produce a **hard copy** for each of the work to accompany the compact disc.
- Create a folder in your name and index number on the desktop where you should keep saving your work. After ensuring that all your work is in the folder transfer it to the CD provided.
- There is no added time for printing and writing CD or saving and printing after the stipulated time.
- Keep on saving your work as no extra time will be provided in cases of power failure.



**1. Word processing.**

- a) Using a word processing software of your choice load a file "Poultry Farming".  
(01 mark)
- b) Copy your work to new document.  
(01 mark)  
Using the copied document, perform the following actions.
- c) Justify your work. (01 mark)
- d) Insert the heading "Poultry Farming". (01 mark)
- e) Change the font type to Segoe UI, and font size 12.5, and 13 for the body text and heading respectively. (03 marks)
- f) Apply a first line indent on the second paragraph in your document. (01 mark)
- g) Insert the image "index 3" in your document and wrap it around text tight.  
(02 marks)
- h) Format your document to 1.5 line spacing. (01 mark)
- i) Apply highlight colour of yellow to all occurrences of the word "Poultry" in your document. (01 mark)
- j) Double strike through the second paragraph of your document. (01 mark)
- k) Format your benefits to a numbered list in the format; a), b)..... (01 mark)
- l) Bold and double underline all headings in your document. (02 marks)
- m) Insert line numbers and change the paper size to A5 of your document. (02 marks)
- n) Save your work as "Revised Edition". (01 mark)
- o) Insert a printed watermark of your name with font size 44. (01 mark)

**2. Spreadsheets**

Using the appropriate software program, load the file "Wages" for the pay roll of Kampala Computer Enterprises, for the month of February 2017 from the folder "Support files 2017" on the desk top and save it as "Wage-your name" in your folder.

(01 mark)

To ensure that divergences in the earnings of employees were reduced, management increased wages of employees by 15%.

**Required**

- a) Using an appropriate formula, compute the New Wage for each employee.  
(03 marks)
- b) Calculate the total and average wage bill for February. (04 marks)
- c) Assume that the Pay As You Earn (PAYE) tax on earnings above 280000 is 9% and below is 7%, create new columns for PAYE and NSSF.
  - Calculate the PAYE per employee after the wage increase. (03 marks)
- d) NSSF is calculated at 5% of new wage. (02 marks)
- e) Assume that net income is obtained by deducting PAYE and NSSF from New wages, calculate the net income for employees after the wage increase, name the column, Net pay. (03 marks)
- f) Create a pie chart showing Name and Net pay with the legend at the bottom.  
(03 marks)
- g) Print your work (01 mark)



### 3. Presentations

You are now going to create a short presentation about a PB & J

- The master slide must have: (04 marks)
  - An appropriate background color.
  - Your candidate number and name in a 12 point black serif font in the bottom right corner
  - Automatic slide numbers in the bottom left corner
  - Apply all master slide elements to all slides.
- Import the file "pbj" placing the text as slides in your presentation software. (05 marks)
- Use a layout with a title and subtitle for slide 1 and Enter the text "How to make a great PBJ, as the title for the slide" and Gourmet Recipe as a subtitle for the slide. (02 marks)
- Move slide 3 so that it becomes slide 2. (01 mark)
- Create a vertical bar chart using the file "Data", slide layout "Two content" having the content and the chart. (03 marks)
- Apply appropriate transitions and animations in your presentation. (02 marks)
- Save the presentation as PB and J. (01 mark)
- Print all the slides with six slides on one page. (02 marks)

### 4. Database

There is an on-going youth's registration exercise of the entire Wakiso district, for ensuring proper management of a youth's fund, for youth development. Assuming that you are a member of the registration team, think and help the registration team with the following;

- To use your convenient Database Management Software to create a database called "Wakiso District Youth Management Database." Name the database WADIYOMADA plus your personal number. (01 mark)
- Design the Youths Table below with appropriate data types and primary key. Use lookup wizard for **SEX** and **PARISH** field names. (04 marks)

Ref.	NAME	Gender	Date of Birth	STUDENT	SUB-COUNTY	PHONE CONTACT	WEEKLY BREAK ALLOWANCE
00001	Moyes	M	13/05/1993	√	Maya	0705453413	\$300
00003	Magemule	F	20/11/1980		Nangabo	0712589369	\$ 440
00005	Nikito	F	21/1/1990	√	Kakiri	0774587990	\$560
00002	Lulu	F	12/6/1978		Nangabo	077289891	\$180
00006	Wenger	M	14/07/1990	√	Kakiri	0775673457	\$380
00008	Gillo	F	30/3/1980		Nangabo	0713986754	\$700
00009	Adite	F	18/6/1985		Maya	0774569900	\$650
00010	Suarez	M	17/4/1983	√	Nangabo	0709345500	\$520

- Populate the designed table structure above with the above records. (03 marks)
- By use of a query, arrange all the table records in the table in ascending order according to the Surnames of the youths. Name the query "Sorted Query" (02 marks)



- e) Process another query database object with an added column for AGE after the date of birth. Use the field to compute the age for all the youths. Save it as **Youths Age query**. (02 marks)
- f) Use a query to filter out the youths whose phone numbers start with 077. Save it as **MTN Query**. (02 marks)
- g) Use the table to generate a report. Save it as **Youths report**. Insert your name and personal number in the footer section of the report. (02 marks)
- h) Assuming that the exchange rate is Shs.2500 per Dollar, copy the Youths Table and paste it in the same database as "**Exchange Rate Table**". Prepare a form based on the "Exchange Rate Table" that you should use to return the amount of money each youth is supposed to get in Ugandan currency. Name your form **UGX Form**. (02 marks)
- i) Prepare another query for only youths from Kakiri. Just name the query **Kakiri**. (02 marks)

**5. Desktop Publication:**

- a) Using a publishing application of your choice. Create a calendar and save it as your name. (02 marks)
- b) change the page size of the calendar to landscape B4 of 13.5" X 9.5". (02 marks)
- c) Duplicate the calendar on page 2 and perform the following tasks. (02 marks)
- d) Change the calendar date font size to 25.5 and font face Lucida Bright. (02 marks)
- e) Insert the heading in Word Art "Benita Enterprises and computer Center" in your publication. (02 marks)
- f) Apply an appropriate background colour and clip art in your publication. (02 marks)
- g) Design a company logo and insert it to the top left corner. (04 marks)
- h) Insert a header of your name and footer as personal number. (02 marks)
- i) Print your work. (02 marks)

**END**