S850/2
Subsidiary Information and
Communication Technology
Practical Paper
PAPER 3
July/August 2018
2 hours

WAKISSHA JOINT MOCK EXAMINATIONS

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.*

—— *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 after the stipulated time.*

Keep on saving your work as no extra time will be provided in cases of power failure.

Turn Over

1. WORD PROCESSING

(a) Using suitable word processing software, load the file **RIO161LYM.rtf**.

(01 mark)

(b) Change the page size to A4, orientation to portrait and set all margins to narrow. (03 marks)

(c) Copy and paste this document to the next page. (01 mark)

(d) Format your copy as follows.

(i)   Apply a colour green, yellow, blue and red to the title. (01 mark)

(ii)   Set the line spacing of the last paragraph to 1.15 points. (01 mark)

(iii) Set the last paragraph into two columns with a column spacing of 1 cm.

(01 mark)

(iv) Insert two images **Bolt** and **Olympic logo**, resize it to fit. (02 marks)

(e) Using the on page 2, change the heading to font size 20 and underline it with double line style. (02 marks)

(f) Change the numbered text in paragraph four to be numbered using Roman numerals. (02 marks)

(g) Move the paragraph which starts with the **Analysis** to the end of the document and make the background yellow. (02 marks)

(h) Insert your name as header and page number as footer. (01 mark)

(i) Insert a print watermark of your name. (01 mark)

(j) Save your work as **RIO2018 OLYMPICS**. (01 mark)

(k) Print your work. (01 mark)

2. SPREADSHEET

The following students sat for their term one examinations in Mathematics (mat), Computer Studies (Comp), and Commerce (comm) and obtained the following marks.

Using any spreadsheet application of your choice, Enter the data below and answer questions that follow

Jones got 40 in mat, 20 in comp and 50 in com, Martha got 90 in mat 60 in comp, 30 in comm, Torres got 70 in mat, 65 in comp, and 90 in comm. Sanders got 55 in mat, 40 in com and 80 in comm. Perez got 50 in mat, 20 in comp and 35 in comm. Alvaro got 50 in mat, 60 in comp and 50 in comm.   (04 marks)

Additional information

i)   Rename sheet one as "MARKS".   (01 mark)

ii) Use a formula or function to compute the total and average for each student.

                                                                              (02 marks)

iii) Sort the columns for the names in the descending order.   (01 mark)

iv) Compute the maximum and minimum mark for each subject.   (02 marks)

v)   Put the titles for columns in orientation 50°.   (01 mark)

vi) Draw a bar/ column graph on sheet two for students' marks in the three

     subjects. Give your graph a suitable title.   (03 marks)

vii)   Rename sheet two as "CHART"   (01 mark)

viii)   Use IF function to insert a comment for students with the following
        conditions.
        Students whose Average is below 65. Work Harder
        Students whose Average is above 65. Excellent   (03 marks)

ix) Add a custom footer of your name, Combination and best subject.(01 mark)

x)   Print your work.   (01 mark)

3. PRESENTATION

The Ministry of ICT-Department of cybercrime approached you to design a presentation about "**HOW ENCRYPTION WORKS**". As an ICT candidate, you will make a presentation about security violation and the control measures to data and information.

Make a five slide presentation to enhance your show.   (01 mark)

(a) Slide I- A title slide with "How Encryption Works" presented by "Your name and personal number" as subtitle for the slide.   (02 marks)

(b) Use the file **JXENCRYPT16.rtf** and insert the text for the rest of the slides.

                                                                        (01 mark)

(c) (i) Slide II-The introduction.   (01 mark)

    (ii) Slide III-How Encryption works.   (02 marks)

    (iii) Slide IV-The Future of Encryption.   (02 marks)

    (iv) Slide V- Conclusions.   (02 marks)

(d) Use appropriate images from support files, word art graphics and colour.

                                                                        (02 marks)

(e) Create an automatic looping slides show.   (02 marks)

(f) Apply minimal animations in your presentations.   (01 mark)

(g) Vary the background of all your slides.   (01 mark)

(h) Number all your slides.   (01 mark)

(i) Use master slide to insert your name and personal number as footer and header respectively.   (01 mark)

(j) Print your slides as handout.   (01 mark)

4. DATABASE

(a) Load the file called Payments". Use the given information given to answer the questions. (03 marks)

(b) Assign appropriate primary key field making "**shs**" symbol visible in payment. (01 mark)

(c) Create a form to only display ID No, Last name and wage. Name it "Mini Form". (03 marks)

(d) Create a query to sort out all employees who earn above 300,000 and are females. Name it "Females only". (03 marks)

(e) Create another query that filters employs workers whose Surname begins with letter K and are from the UCC. Name it UCC Family. (03 marks)

(f) Create a form based on payments table. Name it General Form. (02 marks)

(g) Create a report based on data and name it "Summarized data". (02 marks)

(h) Insert header of your name and footer of your personal name on the report. (02 marks)

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

5. DESKTOP PUBLISHING

Using desktop publication software of your choice, open the file **ADVERT-GOLD**.   (01 mark)

(a) Design the advert using personal creativity and design skills, appropriate layout the text, Name of the school, mission, facilities, departments, location and contacts.   (05 marks)

(b) Using text boxes,   (03 marks)

— Use word art for the title
— Apply a Drop cap appropriate to your text
— Vary the fonts, sizes, and colours

(c) Insert at least 2 relevant images school.png and building.jpg.   (02 marks)

(d) Apply a suitable background texture for heading.   (01 mark)

(e) Use appropriate image of your choice to act as the logo.
   • Use caption strive for progress.   (02 marks)

(f) Select all contents on the card and group them into one object.   (02 marks)

(g) Apply an appropriate background color to your advert.   (01 mark)

(h) Insert footer of your name and personal number.   (01 mark)

(i) Save your work as **school advert**.   (01 mark)

(j) Print your work.   (01 mark)