840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July/August 2023
2$^1/_2$hours

WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

COMPUTER STUDIES PRACTICAL

Paper 2

2 hours 30minutes

INSTRUCTIONS TO CANDIDATES:

- *This paper consists of **two** sections **A** and **B**.*

- *Answer all questions in **section A** and two questions in **section B***

- *Each candidate will require **a new Re-writable Compact Disc (CD-RW)**.*

- *Create a folder on **desktop** bearing your name. Save all your attempted questions in the above folder.*

- *Each candidate must produce **a hard copy** for each of their work to accompany the CD.*

- *Any additional question attempted will not be marked.*

- *Candidates should continuously save their work.*

SECTION A (40 marks)

Answer **all** question in this section.

1. (a) Using a word processor, type the document below and save it as "COMPUTER COURSE" (10 marks)

Course ID	Course Name	Duration	Period of Schedule	Tuition Payable
ICT 001	Input hardware			280,000
ICT 002	Output hardware			160,000
TOTAL				
MID –TERM EXAMINATIONS				
ICT 001	Input hardware	$2^{1}/_{2}$hrs	August	20,000
ICT 002	Output hardware	2hrs	September	15,000

(i) Copy and paste the document to page 2. (01 mark)
Using a copy on page 2.

(ii) Use a formula to compute the TOTAL for tuition payable. (02 marks)

(iii) Add any two colors to the background. (02 marks)

(iv) Insert a diagonal water mark of your name in FONT 96 on page 2 only. (02 marks)

(v) Insert an Art page border of your choice. (02 marks)

(vi) Make a printout of your work. (01 mark)

(b) The director of studies of Valley Corner primary school provided the following records for term two 2021. Use it to enter the data into a suitable spreadsheet program of your choice and save it as Valley Corner results. (05 marks)

Name of student	ENG	SCI	MTC	SST
Nalubwama Juliet	34	56	98	90
Buwunga John	45	90	67	90
Tibukuza Ronald	60	56	45	87
Kadoli Moses	59	32	67	67
Aliganyira Ben	23	76	34	45
Mukwaya Joseph	45	90	23	76
Seremba Ivan	23	89	67	34
Namuli Mariam	90	56	87	23
Nakasi Joan	56	40	34	98

(i) Insert a column after each subject and name it Grade. (01 mark)

(ii) Use a suitable function to Grade each Subject given that.

80 -100	75-79	65-74	60-64	55-59	50-54	45-49	40-44	0-39
1	2	3	4	5	6	7	8	9

(04 marks)

(iii) Insert two columns labeled Aggregates and Division (01 mark)

(iv)   Using grades only, calculate the total aggregates obtained by each student.
                                                                                (02 marks)
(v)   Basing on the aggregates, categorize each of the student in a particular Division
        basing on,   (02 marks)

DIV 1	DIV 2	DIV 3	DIV 4	DIV U
Agg 4-12	Agg 13-24	Agg 25-32	Agg 33-34	Agg 35-36

                                                                                (01 mark)
(vi)   Apply line borders around your work.
(vii)   At the bottom of your table, insert the following table.

	Grade	Number
	1	
	2	
Grade Distribution	3	
	4	
	U	
	TOTAL	

                                                                                (01 mark)

        Using COUNT IF function determine the number of students that belong to
        each category of division.   (02 marks)
(viii) Print your work   (01 mark)

SECTION B (60 MARKS)

Answer any **two** *questions from this section*

2. (a) The ministry of Education and sports to embark on sensitizing students on a number
         of scholarly issues. This year's theme is "STRIKES IN SECONDARY SCHOOLS".
         You have been approached to create a presentation about the theme. Save it as strikes
         in schools.
         (i)   **Slide one:**   Introductory slide (include Ministry of Education and sports as
                                 title and your name on this slide.   (02 marks)
         (ii)   **Slide two:**   Causes and effects of strikes.   (04 marks)
         (iii) **Slide three:** Solutions to end strikes in schools.   (02 marks)
         (iv)   **Slide four:** Table showing the number of students that were involved
                                 in a particular strike from a certain secondary school. (03 marks)

S.1	S.2	S.3	S.4	S.5	S.6
110	90	82	58	30	14

         (iv)   **Slide five:** A pie chart representing the data in slide 4. (03 marks)
         (v)   **Slide six:**   Conclusion.   (02 marks)
    (b) Use relevant and minimal graphics.   (02 marks)
    (c) Apply a simple texture background colour   (02 marks)
    (d) Insert presenter's notes on slide two and slide three.   (02 marks)
    (e) Include transitions and animations to your slides.   (02 marks)
    (f) Insert a blank slide between the fifth and sixth slide and hide the slide
         not to display while the presentation is running.   (02 marks)
    (g) Insert your name as footer and slide numbers on all the slides.   (02 marks)
    (h) Automate your presentation to run continuously until one presses Esc. (01 mark)
    (i) Print your presentation as handouts.   (01 mark)

Turn Over

3. The table below shows information about Crater group of companies Ltd.

Name	Date of birth	Resident	Allowance	Tax
Barbra	13-Nov-78	YES	120,000	
Martin	12-Dec-77	NO	170,000	
Sandra	05-Feb-79	NO	100,000	
Aggrey	25-Feb-75	YES	150,000	
David	07-Mar-73	NO	150,000	
Harriet	12-May-79	YES	170,000	
Stella	11-Apr-75	YES	100,000	
Morris	17-Oct-77	NO	180,000	
Sarah	17-Oct-78	NO	105,000	
Martha	06-Nov-78	NO	130,000	

a) Create a database and save it as "Your Name". (02 marks)

b) Design a table with appropriate data types and name it "Crater table". (06 marks)

c) Create a form using the fields from the table created and name it as "Crater form". (04 marks)

d) Use the form created to populate the table. (04 marks)

e) Given that Tax is 5% of the Allowance use the query to calculate the tax for each individual. (04 marks)

f) Design a query to return members born between 1973 and 1978. Save it as Age Query. (04 marks)

g) Create a report using the age query and save it as Age Report. (02 marks)

h) Create another query to retrieve members whose names end with 'a' and save it as Name A. (02 marks)

i) Save and print all your work. (02 marks)

4. A group of computer students is planning to open up a computer training center during their vacation. As a way of advertising the Centre, help them create a website using any web designing program with the details below.

Page 1: Includes the name of the training Centre, introduction, location and a suitable logo. (06 marks)

Page 2: Includes applications to be taught, duration of each Application and fees structure. (06 marks)

Page 3: Includes weekly program / time table for the Applications taught. (06 marks)

Instructions

- Make sure that the website is self-linking. (02 marks)
- Use relevant graphics on each page. (02 marks)
- Use appropriate background and font styles. (04 marks)
- Print a copy of your work and save it as "Training Centre." (04 marks)

END