

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July/August 2019
2 ½ Hours



UGANDA MUSLIM TEACHERS' ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS – 2019

UGANDA CERTIFICATE OF EDUCATION

COMPUTER STUDIES
(PRACTICAL)

Paper 2
2 HOURS 30 MINUTES

INSTRUCTIONS TO CANDIDATES

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

Section A consists of **TWO compulsory** question1 (A) and 1(B).

Section B contains **three** questions. Attempt any **two** questions from this section.

Each candidate is provided with a **Compact disc or Rewritable CD**

Candidates should continuously save their work.

Each candidate must produce hard copy for each of their work to accompany the compact disc or Rewritable

NOTE: Flash disks are not allowed.

SECTION A

1. (A) i) Using a word processing software type the document below and save it as your Uganda Cranes e.g. "Mustapha-Uganda Cranes" (4 Marks)

Cranes strike: The inside story

When the country was gripped last week with the unthinkable oddity of a national football players strike in the middle of Afcon, a continental football showpiece in Egypt, President Museveni, sources said, sent emissaries with a persuasive message.

To end the impasse that threatened our second round tie with Senegal, the president, through his emissaries, assured the Cranes players that he would pay all their bonuses when they returned to Kampala.

And indeed he met and spoke to them on Monday during a luncheon at State House, Entebbe. When they walked out of State House, the 42-man contingent of Uganda Cranes players, technical and support staff were assured they will share a whopping \$1 million or Shs 3 billion from the president as a token of appreciation for their impressive performance at the continental tournament.

The Cranes bowed out of the event after losing 0-1 to Senegal in the second round. They had beaten DR Congo (2-0), drawn one-all with Zimbabwe and lost 0-2 to Egypt in the group stage. In a veiled swipe at local football governing body, Fufa, the president at State House assured the players they will get the money (at least Shs 88 million each) in their bank accounts, and not through the national football federation.

*Written
by JOHN VLANNY NSIMBI & NICHOLAS BAMULANZEKI
July 18, 2019*

- ii) set the page size to A4 and the page orientation to Portrait, (2 Marks)
- iii) Copy the story and paste it on page 2 and make the changes that follow. (1 Mark)
- iv) Format the story to bookman old style size 11, justify align the text. (2 Marks)
- v) Format the heading to uppercase, size 20, color Green, alignment centre, wave underline. (3 Marks)
- vi) Insert your name and index number as a footer right align (1 Mark)
- vii) Using the last paragraph split the text into three columns with a line in between (2 Marks)
- viii) Insert a clip art of a ball in middle between the first and second paragraph pic size 1 inch and 1.5 inch width text wrap it tight. (2 Marks)
- ix) Insert a page border of ½ points only on the second page. (1 Mark)
- x) Insert page numbers of format x of y beginning with number 1 on page two. (1 Mark)

xi) Print your work.

(1 Mark)

(B). The spreadsheet below contains some marks of a selected students in S.6 taking BCM/ICT/GP combination. Use it to perform the following tasks associated with it;

(i). Enter the information below in an electronic spreadsheet of your choice.

Save your work with your First name and index number.

(4 marks)

First Name	BIOLOGY	CHEM	MATH	SUB-ICT	GP	FIRST TOTAL	ACTUAL TOTAL	AVERAGE	POSITION	CATAGORY
Annet Bardu	40	78	73	80	60	341				
Toyota Muyindi	85	82	80	86	58	401				
Ali Musa	90	88	82	89	65	424				
Tomas Lemax	85	80	78	86	64	403				
Twaha Ali	68	70	66	72	50	336				
Safinah Jalia	45	44	41	58	58	256				
Ashura Sebalu	51	49	48	60	54	272				
Tumusiime Joy	75	43	30	52	48	258				
						10				
Highest Maths										
Mode GP										

(ii) Paste your spreadsheet to sheet two and use it to answer the questions below:

- Wrap the text in cell A1, E1, G1, H1 such that second "TEXT" appears at the bottom of first text. (1 mark)
 - Assuming that the first totals were exaggerated by 10 marks given in cell G11, use absolute cell referencing to determine the actual total for all learners. (1 mark)
 - Compute the average score for all students. (1 mark)
 - By use of the "Rank function" position those students basing on their average scores. (1 mark)
 - Students are categorized as "C" when their average score is below 50, as "B" when their average is below 75, and as "A" for those whose average is above 74. By use of a simple function provide categories for all the learners in column K. (2 marks)
 - On a separate sheet named "Average Graph" Represent all students against their Average scores on a Clustered Column chart. (3 marks)
 - Apply cell borders to the worksheet. (1 mark)
 - Add your surname and personal Number in the header section, but centered. (2 marks)
- (iii) Go back to your original worksheet and perform the following;
- Arrange all the students in ascending order of their Biology scores. (1 mark)
 - Filter out all those students whose First Total is less than 260 and paste them to an independent sheet called "BCM" (1 mark)
 - Use a function to determine the highest Math score, and the mode for "GP". (1 mark)
 - Print sheet 2. (1 mark)

SECTION B

2. Using a suitable database application of your choice, enter the data below and save it as 'workers'. (04 marks)

WorkerID	Name	Sex	Date of birth	Salary (Shs)
WI001	Kalungi Ismail	M	12-10-1940	1,200,000
WI014	Nalugo Vicky.	F	13-01-1970	800,000
WI013	Katende Ibrahim.	M	21-12-1981	700,000
WI011	Nayiga Sophie.	F	31-05-1969	700,000
WI010	Mukasa Patrica.	M	15-11-1978	1,200,000
WI016	Kisule Badru.	M	01-02-1987	520,000
WI003	Walujo Shamim.	M	11-11-1971	2,200,000
WI021	Maimuna Bint.	F	25-12-1989	950,000
WI100	Walugembe Rammy.	M	16-02-1970	510,000
WI073	Kutesa Onyango.	F	17-08-1987	700,000
WI094	Kalulu Musa	M	31-12-1984	800,000

Instructions:

- Design a table called details to enter the records. (8 marks)
- Create a form having a title "Entry Form" that is to be used to enter the data. Save your form as 'entrypoint'. (3 marks)
- Create a query using all field names to return:
 - Workers who were born 30 years ago and save it as '30yearsago query'. (3 marks)
Date Diff ("yyyy", [Date of birth], Date())=30
 - NSSF which is 15% of Salary (add a new field called NSSF after Salary) Calculate the field. Save the query as 'nssf query'. (6 marks)
- Using your results in the query saved as NSSF; create a report from a blank to display this information. Save it as NSSF report. (4 marks)
- Print, the table, Entry form, 30 years ago query. (2 marks)

3. (a) Using presentation software Create a slide master with the following:
- The Name of the topic as 'The Master Title' [Comic Sans Font 44]. (2 Marks)
 - A uniform and appropriate green background color. (2 Marks)
 - Your Name and Reg. No on the Right footer of the Slide [Tahoma, italics, Font 14]. (2 Marks)
 - The Date and time as the Header of the Slide [Tahoma, italics, Font 14]. (2 Marks)
 - The rest of the text (body) should be [Times New Roman, regular, Font 28] (2 Marks)
- (b) Create a presentation with 5 slides with a topic or title as 'Computer Literacy' on the first slide. Define the meaning of the title and or add necessary information as regards the title. (3 marks)
- (c) On second slide, outline the advantages of being computer literate. (3 marks)
- (d) On slide three, give the disadvantages of being computer literate. (3 marks)
- (e) On the fourth slide, list the *topics* you have covered during the computer course. (3 marks)
- (f) On the fifth slide insert a table with two columns displaying various components of *computer input hardware devices* and *computer storage hardware devices*. (4 marks)
- (g) Use appropriate animations and transitions (2 Marks)
- (h) Save your work as **Computer Literacy** in your folder. (1 Mark)
- (i) **Print handouts** (1 Mark)
4. Assuming that you are a fresh graduate of web designing, use an appropriate web publishing software, design a couple of web pages about your personal company with the following characteristics;
- (a) A home page with relevant general welcoming information to your visitors and company name. (2 marks)
- (b) Other pages with the following information:
- Page II: Brief company background, and friends. (4 marks)
 - Page III: Company location and managers (4 marks)
 - Page IV: Company products and services (4 marks)
 - Page V: Company objectives (4 marks)
- Note:**
- (i) Create a moving marquee on page title for the home page title. (1 mark)
 - (ii) Use appropriate graphics for the different pages. (4 marks)
 - (iii) Appropriate background color mix. (2 marks)
 - (iv) Include your contact details as the website designer (2 marks)
 - (v) Include page navigation hyperlinks (1 mark)
 - (vi) Save your website with your name and Personal number. (2 marks)

END