

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July/August 2018
2 ½ Hours



UGANDA MUSLIM TEACHERS 'ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS – 2018

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 Rewrite 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.

- 1.(a) Using a word processor of your choice type the passage below and save it as “Your name – Social media tax”. (4 Marks)

The infamous social media tax.

As the infamous social media tax starts to bite, wise Ugandans have already devised means of how to survive in this ‘harsh condition’.

The social media tax which came into effect at midnight, July 1, 2018, impacts on social media platforms such as Facebook, WhatsApp, LinkedIn, Instagram, Viber, and Skype among others.

Starting from last night, every Uganda who wish to visit any social media platform must pay a sum of Shs200 daily, Shs1400 weekly or Shs6,000 monthly as excise duty.

However, according to a random survey on social media done by *Daily Monitor*, several Ugandans who have not been able to pay the daily Shs200 have found VPN as the ultimate solution to bypass paying the daily excise duty charge on Over-The-Top (OTT) services.

Daily Monitor on Saturday conducted an opinion poll on its Twitter handle engaging our audience on how prepared they were to pay the social media tax.

According to the poll results, 19 percent of the 581 followers who participated said they would spend less time on social media, 11 percent said they would stop using social media while 70 percent said they would resort to using Virtual Private Network (VPN).

Required

- (b) Copy the passage and paste it to page 2 and make the changes which follow (1 Mark)
- (c) Format the heading to Bookman old style, uppercase, size 16, double underline it color Blue (2 Marks)
- (d) Selected all the text change font face to Bookman old style, paragraph spacing double and justify the text. (2 Marks)
- (e) Insert an appropriate clip art in the left corner of your passage, use text wrapping feature “Tight” (1 Mark)
- (f) Insert a footer of your names and a header of automated date and time (1 Mark)
- (g) On page two only insert a customized watermark “Social Media tax” (1 Mark)
- (h) Indent the last paragraph by first line 1 inch (1 Mark)
- (i) Insert a page border on the second page only with 3 lines style (1 Mark)
- (j) Insert page number only on page 2 with page numbering format (i)... (1 Mark)
- (k) Drop cap the first letter of the first paragraph by two lines (1 Mark)
- (l) Create a footnote on the acronym VPN with a word virtual Private network (1Mark)
- (m) Double strike through the sentence which starts with “Daily Monitor on Saturday...”

- (n) Count the number of words on page two and insert it in the footer on the left hand side (1 Mark)

- (o) Print your work. (1 Mark)

- 1 (b) Using spreadsheet software enter the information below and save it as your names-Entebbe sales co. (4 Marks)

	A	B	C	D	E	F	G	H	I
1	ENTEBBE SALES COMPANY PERFORMANCE								
2									
3									
4	SALESPERSON	ANNUAL TARGET	QTR1	QTR2	QTR3	QTR4	TOTAL SALES	AVERAGE SALES	COMMISSION
5	Mustaasa	1,000	249	212	215	124	X		
7	Serubamba	700	256	145	136	259	X		
6	Nsubuga	800	233	200	216	152	X		
7	Kato	650	187	143	258	143	X		
8	Kiggundu	750	148	256	133	154	X		
9									
10	TOTAL	X	X	X	X	X	X		
11									
12	COMMISSION	6%							
13									

- (i). Format all headings in row 4 to an alignment of 45% (1 Mark)
- (ii). Enter a formula to calculate the Total Sales in column G and Row 10. (2 Marks)
- (iii). Calculate the Average Sales and auto fill to other cells. (2 Marks)
- (iv). Using absolute referencing, calculate the Commission on total sales for all the sales persons (2 Marks)
- (v). In column J Rank all the sales persons basing on their average sales (2 Marks)
- (vi). In row 13 and 14 type Maximum and minimum in column A and create the max and min for each quarter (2 Marks)
- (vii). Create a 3-D clustered column graph to show the names of the salesperson and sales per quarter and place the graph on a new sheet as Entebbe sales. (3 Marks)
- (viii). Arrange the data in descending order of sales person. (1 Mark)
- (ix). Print your work (1 Mark)

SECTION C

Answer any two questions

3. Using any presentation software, Create a presentation for a teacher to present in his class about Computer Generations. The presentation should contain 6 slides, one for each generation. The text should appear flying in when slide show, save it as “Your names-Generation” (6 Marks)

Slide 1 First Generation definition and its characteristics. (2 Marks)

Slide 2 Second Generation definition and its characteristics. (2 Marks)

Slide 3 Third Generation definition and its characteristics. (2 Marks)

Slide 4 Fourth Generation definition and its characteristics. (2 Marks)

Slide 5 Fifth Generation definition and its characteristics . (2 Marks)

Slide 6 Compare using a table first generation characteristics and fourth generation. (2 Marks)

Use a master slide:

- a) Apply a theme of your choice to the master slide. (1 Mark)
- b) Include an automated page number in the bottom left of the footer (1 Mark)
- c) Include your names and personal number in the bottom right of the footer (1 Mark)
- d) Place a clipart image of a computer as a logo in the top right corner. (1 Mark)

Required

- (i) Use animations and transition. (2 Marks)
- (ii) Your slides should play automatically after 0.2 seconds. (1 Mark)
- (iii) Set the slides to page setup on screen show (16:9) (1 Mark)
- (iv) Insert a navigations buttons on the slide. (1 Mark)
- (v) Save it as a PowerPoint show and ensure you have two files ppt file and the power Point show. (2 Marks)
- (vi) Print the presentation as handouts. (1 Mark)

4. (a) Using a database software of choice ,Create a database and save it as KCCA, given that PAYE is 15% of Salary. (2 Marks)
- (b) Using design view create a Teachers' table and KCCA table using appropriate data Types. (6 Marks)
- (c) Enter the teachers' details in the table and create a form to enter the KCCA details save it as KCCA form. (6 Marks)

TEACHERS' TABLE

Tr No	NAME OF TEACHER	TEL NO	SEX	SALARY	TEACHING SUBJECT	SCHOOL NO	PAYE
TR001	Magyezi Hussein	0702-548934	M	960,000	Math	KC001	
TR002	Nambirige Ramla	0782-768477	F	965,000	Chemistry	KC002	
TR003	Ndagire Julie	0772-346722	F	820,000	History	KC001	
TR004	Kanamwaji Deo	0752-097823	M	835,000	Geography	KC003	
TR005	Atuhairwe Ruth	0702-768345	F	960,000	ICT	KC004	
TR006	Kabunga Musa	0752-908834	M	960,000	Math	KC005	
TR007	Namala Brenda	0772-546344	F	965,000	Biology	KC001	
TR008	Kamanzi Ismail	0782-098765	M	960,000	Math	KC006	
TR009	Mutebi Hudah	0752-778899	F	835,000	History	KC005	
TR010	Ahimbisibwe Alex	0772-141347	M	820,000	Geography	KC003	

KCCA TABLE

School No	Name of School	Location	KCCA NO
KC001	Bukasa infant school	Makindye	KCCA-001
KC002	Kibuli Junior School	Makindye	KCCA-002
KC003	Buganda Road P/S	Central	KCCA-003
KC004	Kawempe Academy	Kawempe	KCCA-004
KC005	Nakasero Primary School	Central	KCCA-005
KC006	Boardway Academy	Kawempe	KCCA-006

- (d) Create a relationship between the two tables of one –To-many (2 Marks)
- (e) Create a query with the following fields Trs No, Name of teacher,

Sex, Salary, Name of School to calculate PAYE of each employee given that PAYE is 15% of salary save it as PAYE Query. (4 Marks)

- (f) Create a report to show all the details from the PAYE query save it as your name- PAYE report. (2 Marks)
 - (g) Create a form to calculate PAYE with the following fields Trs No, Name of teacher, Salary, Name of school save it as “your name-PAYE FORM” insert a form header as PAYE FORM and a form footer of your name and index number. (4 Marks)
 - (h) Create a query to filter out those teachers with phone numbers 0772 and 0702 and are paid above 850,000 save it as 0772 and 0702 query. (2 Marks)
 - (i) Print a PAYE query, a report, and a form. (2 Marks)
5. (a) Using a web authoring software of your choice create a website for the wild life club in your school. (6 Marks)

It should contain the following:-

- (i) A simple banner reading “Wild Life Club” on the home page (2 Marks)
- (ii) In the navigation panel, include Home page, Activities page and photo gallery. (10 Marks)
- (iii) Provide activate links between the three pages on the site.(3 Marks)
- (iv) Include an e-mail tool that enables sending FAQ and inquiry to the webmaster, “yourname@wlc.com. (2 Marks)
- (v) Apply an appropriate background to the three pages. (3 Marks)
- (vi) Create a table on the activities page to show the activities done by the club. (3 Marks)
- (vii) Publish your site and print out the pages. (1 Mark)

END