

MBARARA ARMY BOARDING SECONDARY SCHOOL

S.4. EOT 1 EXAMINATION 2019

TIME: 2½HRS

COMPUTER STUDIES PRACTICAL PAPER (840/2)

Instructions: Attempt all questions in this paper and ensure that all work is burnt onto the cd within the specified exam time.

1. (a) Using any word processor available on your PC, create a poster for the post of **Head Prefect** for your school.. It should at least have the following used:

- i. Textboxes (03marks)
- ii. Picture frames (03marks)
- iii. Word Art and font styles (03marks)
- iv. Background and font colours (03marks)
- v. Clip arts and auto shapes (03marks)
- vi. Artistic borders (03marks)
- vii. Student creativity skills. (02marks)
- viii. Save it as **POSTER19** (01mark)

- (b) You are provided the data below from Shell Uganda Limited. Enter it into an available spreadsheet on your pc and perform the required:

S/N	TIN001	TIN002				
ITEM	Gasoline	Oil	Grease	Petrol	Diesel	Vpower
UnitPrice(\$)	12.6	11.8	9.8	16.3	10.0	16.3
Quantity	100	280	210	300	240	98

Required:

- In sheet1 starting from cell A2 enter the above data and ensure the following:
 - Double blue border on the data for all borders (01mark)
 - Rename sheet1 as **IMPORTS** with blue tab color. (01mark)
 - All values should be center aligned and to one decimal place. (01mark)
- Copy the data from sheet1 and paste it transposed onto sheet2 starting from cell A3. Rename sheet2 as **PROCESSED** with red tab color. (02marks)
- Using the processed sheet, perform the following:
 - In cell A2 type 3000 and format it with UGX symbol. (01mark)
 - Increase the row height of row 1 to 38pt. (½mark)
 - Merge and center cells A1: E1 and use word art to type there the word “SHELL UGANDA LTD”. (Ensure it fits) (1½marks)

- Add column called AMNT at -85° and using absolute references, calculate the amounts in shillings. (1\$ = UGX 3000). (1½marks)
 - Add a column called DISCOUNT such that if your quantity is less than 100, it's 2% of amount as discount, less than 250, charge 3.5% of amount, and above 250, charge 4.8% of amount as discount. (02marks)
 - Merge cells A10:B10, type lowest Amnt, and then in C10 determine it. (01mark)
 - Merge cells A11:B11, type Highest Discount, then in C11 determine it. (01mark)
 - Merge cells A12:B12, type Current-Time, then in C12:D12 determine it. (01mark)
 - Merge cells A13:B13, use it to find the square root of the total Amounts. (01mark)
 - Merge cells A14:B14, type MODE_OF_Qtty, then in C14 determine it. (01mark)
 - Merge cells A15:B15, use it to find the median Amount Value. (01mark)
 - Plot a column graph showing ITEMS and Amounts. Move it to chart1 sheet. (1½marks)
 - Save the workbook as SHELL2019. (1½marks)
2. Create a database called KIVUMBI PRIMARY SCHOOL. (02mark)
- a. Create the following tables and leave them empty: (04marks)
- i. Relate the tables and set the primary keys appropriately. (02marks)
 - ii. The following are table attributes:
 1. TIN is automatically generated (02)
 2. Set the DOM and EED date formats appropriately (02)
 3. Line is lookup wizard (01)
 4. Period is the difference between the dates EED and DOM. (03)

TABLE_1

TIN NO	DOM	EED	PERIOD	LINE
KIV-001	May, 19-2019	Jul, 11-2020		Line A
KIV-002	Jun, 02-2019	Feb, 10-2020		Line B
KIV-003	Feb, 15-2019	Feb, 15-2020		Line A
KIV-004	Jul, 05-2019	May, 01-2021		Line B

TABLE_2

MARKETPRICE	QUANTITY	TIN NO	AGENT
UGX 1,000	100	KIV-001	Centenary
UGX 2,500	120	KIV-002	Stanbic
UGX 1,800	103	KIV-003	Centenary
UGX 2,100	200	KIV-004	Centenary

Required:

- Create a form called **KIV-Form** with a title “**KIVUMBI INVESTMENTS LIMITED**” and use it to enter data above in the tables simultaneously. (04marks)
 - On the form above, add a textbox that calculates the **AMOUNT** as the product of Marketprice and Quantity. (04marks)
 - Add another textbox called **URA** that calculates 5% of the Amount above as Tax. (04)
 - Create the following queries:
 - a query that shows a period less than 1 year. Save it as **LESSQRY**. (03marks)
 - a query that filters out all members who belong to centenary and have quantities above 100. Save it as **C_100-Query**. (03marks)
 - a query whose with items whose price is between UGX 900 and UGX 2000 and expires (EED) before December 2020. Save it **DEC_Query**. (03marks)
 - Create a grouped tabula report on both tables with agent, tin no, period and others. Save it as **KIV-REPORT**. (03 marks)
3. Using a master slide with the attributes below, create a five slide show on the theme **EDUCATION IN UGANDA: 1962**.
- Title slide size = 54, Arial narrow and Blue in color. Add a green line around the title textbox. (03marks)
 - Any clip art about education as full background design. (02marks)
 - A transition (01mark)
 - Animation effects on the contents of the slides. (02marks)
 - An appropriate clip art at the top left corner of the master slide with a height of 0.14 and width 0.82. (02marks)
 - An automatically updated date and slide number. (02marks)
 - Header of your name and stream. (01mark)
- a. **Slide One:** Title slide with details of the presenter and your class, school and address. (05marks)
 - b. **Slide Two:** Education background from 1962 till today. (05marks)
 - c. **Slide Three:** Forms of education available today in Uganda. (05marks)
 - d. **Slide Four:** Challenges of UPE and USE today. (05marks)
 - e. **Slide Five:** A two content slide with a table of assumed school dropouts in the four regions of the country and a graph showing the information. (05marks)
 - f. Save the slideshow as **EDUCATION**. (02marks)