KAPSABET HIGH SCHOOL

POST MOCK 2024

COMPUTER STUDIES

451/2

PAPER 2

TIME: 2½ HOURS

NAME…………………………………………… SIGN…………………………

INDEX NO…….…………………………………… ADM NO……………………

(Practical)

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the spaces provided above.
2. Write the name and version of the software used for each question attempted in the answer sheet.
3. Answer all questions.
4. All questions carry equal marks.
5. Hand in all the printouts and the soft copy of your work on CD.

QUESTION ONE

The table below shows data obtained from a hotel room booking database. Use it to answer the questions that follow:

Cust ID	Name	Phone numbe	Room No	Date of payment	Receipt No	Amount Paid
001	Mercy Kirwa	0722345671	126	23/4/2020	12345R1	7800
002	Stephen Rose	0733123456	347	02/04/2020	78653R2	4500
003	Jotham Mune	0791256435	56	05/08/2020	12364R1	5200
004	Kitanui John	0782345678	78	03/05/2020	12465R5	5678
005	Felix Kimon	0712678905	12	01/11/2020	12766R3	6790
006	Victor Orwa	0711347890	234	10/07/2020	12067R4	5489
001	Mercy Kirwa	0722345671	126	23/4/2020	12345R1	7800
005	Felix Kimon	0712678905	12	01/11/2020	12766R3	6790
004	Kitanui John	0782345678	78	03/05/2020	12465R5	5678
006	Victor Orwa	0711347890	234	10/07/2020	12067R4	5489

a) i) Create a database named **Hotel Details** to store the above data. **(4mks)**

ii) Split the data into two tables. The tables should be named: "Payment table" and "Personal details". **(12mks)**

iii) For each of the tables, chose the most appropriate key field. **(4mks)**

iv) Insert input mask for the **phone number** field such that the numbers are displayed as 0722-345-671. **(2mks)**

v) Create one to many relationship. **(4mks)**

b) i) Create a data input screen for each table for inputting the data in the table above. Ensure that the name and title of the screen are appropriate. **(4mks)**

ii) Use the screens created to enter the records in the table above into the appropriate tables.**(8mks)**

c) Create a query to extract all customers whose names end with letter "a". Save the query as "END WITH". **(4mks)**

d) Generate a tabular grouped report showing the total and average of the payments in the payment table. Grouping should be done on the customer's name **(5mks)**

e) Print the two tables and the report. **(3mks)**

QUESTION TWO

Bama School ordered Computer accessories and the following suppliers provided the following as illustrated below.

	A	B	C	D	E
1	FName	ONames	Itemsold	Amount	Date
2	Peter	Okada	Mouse	200	12/2/2008
3	James	Mukanda	System Unit	5000	12/3/2008
4	John	Kinyanjui	Keyboard	200	12/4/2008
5	Peter	Okada	CD Writer	2000	12/5/2008
6	James	Mukanda	commputer System	2000	12/6/2008
7	John	Kinyanjui	Mouse	200	12/7/2008
8	Freddrick	Okiring'	Mouse	200	12/8/2008
9	John	Kinyanjui	System Unit	2500	12/9/2008
10	Peter	Okada	Keyboard	200	12/10/2008
11	James	Mukanda	CD Writer	3000	12/11/2008
12	John	Kinyanjui	commputer System	5400	12/12/2008
13	Freddrick	Okiring'	Mouse	200	12/13/2008
14	Peter	Okada	System Unit	3000	12/14/2008
15	James	Mukanda	Keyboard	200	12/15/2008
16	John	Kinyanjui	CD Writer	2500	12/16/2008
17	Freddrick	Okiring'	commputer System	6000	12/17/2008

(a) Enter the data shown above into a spreadsheet and save it as **Bama**.   **(16 marks)**

(b) The word commputer system has been entered incorrectly. Update the information in the spreadsheet.   **(3 marks)**

(c) Format all numeric values to 2 decimal places and use comma separators.   **(4 marks)**

(d) Copy the content of Bama to a new sheet and rename the sheet as **BamaSales**. Enter a label in Cell F1 as **New Amount**. In cell F2 enter a formula to calculate the new amount if the amount went up by a value in cell B18. Copy the formula to the rest of the sheet.(10 marks)

(e) Using **BamaSales** find subtotals for each supplier.   **(6 marks)**

(f) Using **BamaSales'** subtotals for each supplier create a labeled bar graph on a separate worksheet. Save the chart as **Supplier**.   **(8 marks)**

(g) Print Bama, BamaSales, Supplier.   **(3 marks)**