

KAPSABET HIGH SCHOOL

451/1



COMPUTER STUDIES

FORM FOUR

PAPER 2

PRACTICAL



PRE-MOCK 1 2021

TIME: 2¹/₂ HOURS

JULY/AUGUST 2021

INSTRUCTIONS TO CANDIDATES

- ✓ Type your name and admission number at the top right hand corner of each printout.
- ✓ Write the name and version of the software used for each question attempted in the answer sheet.
- ✓ Passwords should not be used while saving in the diskettes.
- ✓ Answer all questions
- ✓ All questions carry equal marks
- ✓ All answers must be saved in your diskette. Make printouts of the answers on the answer sheets provided.
- ✓ Hand in all the printout and the diskette
- ✓ Candidates may be penalized for not following instruction given in this pager
- ✓ Arrange your printout and staple them together.

QUESTION 1

1. Table 1, table 2 and table 3 are extracts of records, kept in a carpentry shop. Use the information to answer the questions that follow;

CAPENTER_ID	CAPENTER NAME
CAP_001	JAMES
CAP_002	JOHN
CAP_003	ALEX
CAP_004	ISAAC
CAP_005	MAURICE

CUSTOMER_ID	CUSTOMER NAME
CUST_01	MARY K.
CUST_02	DIANA K.
CUST_03	ALEX N.
CUST_04	MARTHA K.
CUST_05	SARAH W.
CUST_06	JOHNSON G.

Carpenter Table

Customer Table

Order Table

CARPENTER_ID	CUSTOMER_ID	ORDER_NO	ITEM ORDERED	MONTH	AMOUNT
CAP_001	CUST_01	1721	Bench	January	18,000
CAP_002	CUST_02	1722	Coffee table	January	25,000
CAP_003	CUST_03	1723	Office table	January	10,000
CAP_004	CUST_04	1724	Single bed	January	18,000
CAP_005	CUST_05	1725	Arm chair	January	60,000
CAP_001	CUST_01	1726	Double bed	February	75,000
CAP_002	CUST_04	1727	Dining table	February	85,000
CAP_004	CUST_03	1728	Arm chair	February	60,000
CAP_001	CUST_02	1729	Double decker bed	February	72,000
CAP_002	CUST_06	1730	Kitchen table	February	82,000
CAP_004	CUST_02	1731	Bench	March	18,000
CAP_003	CUST_06	1732	bench	march	18,000

a) i) Using database application package, create a database file named;

CARPENTERINFORMATION

(1mk)

ii) Create three tables named **Carpenter Table, Customer Table and Order Table** that will be used to store the above data.

(10mks)

iii) Set the primary key for the tables

(2mks)

iv) Create relationship among the tables

(2mks)

b) i) Create a data entry form for each table

(3mks)

ii) Enter the data in **Carpenter Table, Customer Table and Order Table** respectively

(11mks)

- c) i) Create a query named **individual income** to display the amount received from each customer every month. (4mks)
- ii) Create a database object that computes Total income for each month. Save the query as **Totalincomenomnthly**. (6mks)
- d) Create a query named **loyalty** to compute the total number of orders made by each customer over the three months. (3mks)
- e) Create a report to display order details, save the report as Order report (4mks)
- f) Print the three tables and the report (4mks)

QUESTION 2

Use a spreadsheet to manipulate data in the table below.

Adm No	Name	Stream	Comp	Art	Bus	Eng	Mat	Student mean	Rank
<i>C001</i>	<i>Barasa</i>	<i>H</i>	<i>56</i>	<i>45</i>	<i>36</i>	<i>56</i>	<i>26</i>		

C002	Wangila	K	58	57	90	54	23		
C003	Wafula	H	48	56	54	45	25		
C004	Wanjala	K	78	95	78	46	24		
C005	Kerubo	H	49	86	68	35	52		
C006	Akinyi	K	56	45	25	63	54		
C007	Odhiambo	H	75	78	45	65	56		
C008	Okunyuku	K	89	69	65	53	51		
C009	Nekesa	H	69	58	45	54	52		
C010	Simiyu	H	85	46	78	52	53		
	TOTAL								
	TOTAL	FOR H							
	TOTAL	FOR K							

- a) Enter the data in all bordered worksheet and auto fit all column. Save the workbook as **mark 1** (15mks)
- b) Find the total marks for each subject (3mks)
- c) Find total for each subject per stream using a function (5mks)
- d) Find mean mark for each student using a function (5mks)
- e) Rank mean student in descending order using the mean (5mks)
- f) Create a well labeled column chart on a different sheet to show the mean mark of every student. Save the workbook as **mark 2.** (7mks)
- g) Using **mark1**, use subtotals to find the average mark for each subject per stream. Save the workbook as **mark 3** (7mks)
- h) Print **mark 1,mark 2 and the chart**