NAME:……ADM/NO……STR……..

451/2

COMPUTER STUDIES

FORM THREE ENDTERM ONE EXAM

PAPER 2

PRACTICAL

KISUMU GIRLS HIGH SCHOOL

TIME: 2HOURS

TERM 1 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 storage media.
- ✔ Answer all questions.
- ✔ All questions carry equal marks
- ✔ All answers must be saved in your CD-R/RW. Make printouts of the answers on the answer sheets provided.
- ✔ Hand in all the printout and the CD-R/RW
- ✔ 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 ALUSA
CAP_002	JOHN KANYO
CAP_003	ALEX MUYA
CAP_004	ISAAC WESA
CAP_005	MAURICE NDEYO

CUSTOMER _ID	CUSTOMER NAME
CUST_01	MARY KHASANDI
CUST_02	DIANA KHAYANGA
CUST_03	ALEX NYUMBILA
CUST_04	MARTHA KHAOYA
CUST_05	SARAH WAFULA
CUST_06	JOHNSON LUVAHA

1. **Carpenter Table**
2. **Customer Table**
3. **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 computers 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	Math	Student Mean	Rank
C001	Barasa	H	56	45	36	56	26		
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**