



NAME:.....

DATE:.....

CLASS:.....

ADM NO.....

451/1

COMPUTER STUDIES

FORM FOUR

PAPER 2

PRACTICAL

TRIAL 2, 2019

TIME: 2¹/₂ HOURS

TRIAL 2, 2019

INSTRUCTIONS TO CANDIDATES

- ✓ Type your name and admission number at the top right hand corner of each printout.

[DOWNLOAD MORE RESOURCES LIKE THIS ON **ECOLEBOOKS.COM**](http://EcoleBooks.com)

- ✓ 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 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	Mat	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							

- Enter the data in all bordered worksheet and auto fit all column. Save the workbook as **mark 1** (15mks)
- Find the total marks for each subject (3mks)
- Find total for each subject per stream using a function (5mks)
- Find mean mark for each student using a function (5mks)
- Rank mean student in descending order using the mean (5mks)
- 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)
- Using **mark1**, use subtotals to find the average mark for each subject per stream. Save the workbook as **mark 3** (7mks)
- Print **mark 1,mark 2** and the **chart**