

Name.....

Index No

Candidate's sign

Date.....

451

COMPUTER STUDIES

PRE- TRIAL 2016

2½ hrs

ALLIANCE HIGH SCHOOL

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number at the top right hand corner of each printout.
2. Write your name and index number on the removable media provided
3. Write the name and version of the software used for each question in the answer sheet provided.
4. This paper consists of **two** compulsory questions
5. All questions carry equal marks.
6. Passwords should not be used while saving.
7. All answers must be saved in the removable media provided (CD-R).
8. Arrange your printouts and staple them together.
9. Hand in **ALL** printouts and the removable media (CD-R)

MANYAM FRANCHISE

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This paper consists of 3 printed pages. Candidates should check carefully to ascertain that all the pages are printed as indicated and that no pages are missing.

Question 1

1. JOSY Company is a company dealing with the collection and payment of tea farmers. Assuming you are working for the company and you have been given the following data

Zone	Farmer ID	Name	Green leaves deliverance In kgs	Gross pay	Transport cost	Deduction	Net pay
A	142	JANE	1253				
B	143	JAMES	2563				
B	144	ALEX	4523				
B	145	MARY	1023				
A	146	JOAN	8563				
C	148	KIPRONO	4123				
C	149	NJUGUNA	5236				
A	150	OTIENO	8963				
C	151	MARIE	12356				

- Enter the data shown above into a spreadsheet giving it an appropriate title (centered) and save the workbook as **PREMOCK**. And rename the worksheet as Entries. [10mks]
- Copy the data to a new worksheet and enter details of farmer Mike of Zone A No 147 with green leaf 4, 5632kg was left out insert the details in the appropriate row. [1mk]
- Insert borders after every cell and every row. [2mks]
- Use a function to calculate the gross pay for Farmer No. 142 given that the price of green leaves is Kshs. 14.00 per kg. [3mks]
- Copy the formula for gross pay across the column to calculate the gross pay for all the farmers. [2mks]
- Use the IF function to calculate transport cost for all farmers given that transport is charged per Kg as follows. [5mks]

Zone	Price per Kg
A	1.00
B	1.50
C	2.00

- Insert the value 20% in cell E14. Using absolute cell referencing, calculate co-op deductions given that the co-op deduction is 20% of the cost. [4mks]
- Using a function calculate the net pay given that Net pay is Gross Pay- Transport cost and co-op deductions. [4mks]
- Format the columns containing currency values to currency with 2 decimal places and prefix Kshs. Rename the worksheet net pay and save it as **CURRENCY**. [3mks]
- Arrange the records are ascending order of the zone. [2mks]
- Use subtotals function to calculate subtotals for green leaves delivered, gross pay and net pay for each zone. [3mks]
- Create an embedded pie chart showing the total Green leaf for each zone the chart should have the following details save it as **PIE CHART**. [5mks]
- CURRENCY, PIE CHART** in landscape orientation. [6mks]

Question 2

The table below shows records extracted from **BIDII MOTORS**. Create a database and name it **BIDII MOTOR**. [1mk]

Customer Name	Customer Address	Customer Town	Car Reg No.	Car Type	Car Make	Car Price	Customer ID	Amount Paid
Oguttu	254	Nakuru	KAJ 001	Truck	Nissan	1,100,000	B001	800,000
John	678	Eldoret	KAM 002	Bus	Mazda	2,400,000	B002	2,000,000
Uhuru	963	Nairobi	KBB 003	Saloon	Toyota	800,000	B003	800,000
Oguttu	147	Nakuru	KAJ 004	Pick up	Peugeot	1,000,000	B004	700,000
Chumba	456	Bungoma	KBH 678	Lorry	Isuzu	3,000,000	B005	2,000,000
Kariuki	789	Webuye	KAB 006	Pick up	Toyota	1,800,000	B006	1,600,000
John	678	Eldoret	KAJ 007	Bus	Scania	7,500,000	B002	7,500,000
Uhuru	963	Nairobi	KBC 678	Truck	Toyota	1,800,000	B003	1,800,000
Philip	159	Kisumu	KAJ 009	Saloon	Nissan	900,000	B007	900,000
Oguttu	254	Nakuru	KBH 010	Pick up	Isuzu	1,500,000	B001	1,200,000
Uhuru	357	Kisumu	KBJ 011	Saloon	Peugeot	600,000	B008	600,000
Kariuki	789	Webuye	KBG 012	Bus	Isuzu	10,000,000	B006	9,500,000
Oguttu	147	Nakuru	KBG 013	Truck	Nissan	2,700,000	B004	2,700,000

- Using the data above, create a table that will hold Car details and another table to hold Customer details.
Name them **TBLCAR** and **TBLCUSTOMER** respectively and set appropriate *primary keys* [4mks]
Create a relationship between the two tables given that one customer can possess several cars. Enforce **referential integrity** between two tables. [2mks]
- Create an input form for TBLCAR table and name it **FRMCAR**. Create a second form to be used to capture customers. This form should be created out of the two tables. Name this second form **FRMCUSTOMERS**. Use them to enter data into the tables. [12mks]
- Create a query that displays only the details of the Customer who have cleared paying for the Car. Name the query **CUSTCLEAREDQUERY**. Create a report from this query and name it **RPTCLEARED**. [7mks]
- Using the two tables create an *outlined report* showing the *customer details, the total amount paid by each customer and the total amount received by BIDII MOTORS*. Name the report **SUMMARY** and the title as "OVERALLCUSTOMERSREPORT." [8mks]
- Create a query to display the Car details with balances of less than 500,000 but not less than 300,000. Name the query as **BALQUERY** [5mks]
- Create a report showing the *Car type, the total sales for each type and the grand total*. Name the report as **RPTGRAND**. [3mks]
- Using landscape orientation, print **RPTCLEARED, SUMMARY** and **RPTGRAND** with *footers bearing your last name and index number at the center of the page*. [6mks]