

1. The table below shows the overall ranking for the first 15 schools for the 2006 KCSE Exam- Nairobi County.

NAIROBI COUNTY -15 BEST SCHOOLS

SCHOOL	ENTRY	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	Mean	Remarks
Strathmore	80	18	27	14	14	5	2	0	0	0	0	0	0		
Pangani	289	36	70	62	62	34	20	4	1	0	0	0	0		
Nairobi	267	18	37	62	59	46	30	9	5	1	0	0	0		
Kianda	64	14	18	13	16	2	1	0	0	0	0	0	0		
Starehe	207	71	77	33	21	2	2	0	1	0	0	0	0		
PB Riruta	92	24	29	18	7	7	2	3	2	0	0	0	0		
Sunshine	147	16	42	38	29	15	6	1	0	0	0	0	0		
Kenya H	200	26	46	53	34	17	16	6	2	0	0	0	0		
Moi Forces	179	9	22	35	36	34	24	15	4	0	0	0	0		
Lenana	219	23	57	48	38	24	19	7	2	0	1	0	0		
Light Ac	27	2	4	8	4	5	3	1	0	0	0	0	0		
St. Georges	169	2	14	32	38	47	20	14	2	0	0	0	0		
Wamy H	41	2	3	8	10	10	6	2	0	0	0	0	0		
Buruburu	123	0	11	27	39	17	15	10	3	1	0	0	0		
Karengata	28	0	3	3	8	8	6	0	0	0	0	0	0		
Highest Entry															
B+ count															

- (a) Create a workbook and save it as RESULTS. In the workbook's sheet 1, enter the data given above and rename sheet 1 as SCHOOLS.
- (b) Use formulae to generate the overall Mean of Strathmore School. Copy the formulae to get the overall mean of the remaining schools.
- (c) Use the IF function to make the following remarks about a school's performance.

Mean	Remarks
8 to 8.6	FAIR
8.7 to 9.5	SATISFACTORY
9.6 to 10.5	GOOD
Above 10.5	EXCELLENT

- (d) Format the table as follows.
- Shade the entry column in the dark colour 25%.
 - Format the mean column as number with four decimal places.
 - Apply dotted line or vertical inside borders.
 - Apply double line for the outside border.
- (e)
- Copy the entire SCHOOLS worksheet to a blank sheet and rename the new sheet as MERIT.
 - Sort the data in ascending order using the mean as the criterion.

- (iii) Generate a 3 D pie chart to compare by mean score the first five schools with the highest entry.
 - (iv) In the pie chart, explode the smallest portion.
 - (f)
 - (i) Use a function to count the number of schools with GOOD as remarks.
 - (ii) Use a function to return the highest Entry.
 - (g)
 - (i) Insert your Admission number as a header and the Table's title as Footer each sheet
 - (ii) Print both worksheets.
2. (a) Create a database file named Motokaa. Create a table named 'Car stock list' and then append the data shown below:

Make	Model	Price	Year	Mileage
<i>Nissan</i>	<i>Sunny 1.4 L</i>	<i>700000.00</i>	<i>93</i>	<i>24000</i>
<i>Ford</i>	<i>Escort</i>	<i>830000.00</i>	<i>92</i>	<i>35000</i>
<i>Nissan</i>	<i>200sx</i>	<i>1099550.00</i>	<i>93</i>	<i>56000</i>
<i>Honda</i>	<i>Civic</i>	<i>799500.00</i>	<i>91</i>	<i>10000</i>
<i>Mercedes</i>	<i>230</i>	<i>3500000.00</i>	<i>92</i>	<i>23000</i>
<i>Toyota</i>	<i>Starlet</i>	<i>7500000.00</i>	<i>93</i>	<i>21000</i>
<i>Ford</i>	<i>Mondeo</i>	<i>800000.00</i>	<i>94</i>	<i>20000</i>
<i>Subaru</i>	<i>Legacy</i>	<i>1200000.00</i>	<i>93</i>	<i>14000</i>
<i>Nissan</i>	<i><u>Micra 1.4</u></i>	<i>1990000.00</i>	<i>92</i>	<i>55000</i>

- (b) Create another field labeled 'Selling price' whose values will be 2% higher than the values in the 'Price' column. Save the table as 'New data'
- (c) Query the 'New data' table so as to display the: Make, Model, Selling Price and year for cars whose mileage is above 40000. Save the query as Query Mile
- (d) Create a query that contains Make, Model, Selling Price, and tax. Tax is calculated as: Tax =Selling Price x 16%. Save he query as "Tax"
- (e) Generate a report from Newdata that displays Make, Model, Selling Price, Mileage and Total Selling price of all cars. Save the report as "Report Total"
- (f) Print Newdata, Query Mile and Report Total.