# KENYA NATIONAL EXAMINATION COUNCIL
# REVISION MOCK EXAMS 2016
## TOP NATIONAL SCHOOLS

**MANG'U HIGH SCHOOL HIGH SCHOOL**
**COMPUTER STUDIES**
**PAPER 2**

# MANG'U HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2016
**Paper 2**

## Answer the questions

1.      The information below was extracted from CMC vehicle selling business

| Buyer Name | Buyer Address | Buyer Town | Vehicle Reg NO | Vehicle Type | Vehicle Make | Vehicle price | Buyer Number | Amount paid |
|---|---|---|---|---|---|---|---|---|
| peter | 254 | Nakuru | KAJ 001 | Matatu | Nissan | 1200000 | B001 | 800000 |
| john | 678 | Eldoret | KAJ 002 | Bus | Mazda | 2400000 | B002 | 2000000 |
| Ken | 963 | Nairobi | KAJ 003 | Saloon | Toyota | 800000 | B003 | 600000 |
| Peter | 147 | Nakuru | KAJ 004 | Pick up | Peugeot | 1000000 | B004 | 700000 |
| Roy | 456 | Bungoma | KAJ 005 | Lorry | Isuzu | 3000000 | B005 | 2000000 |
| Glen | 789 | Webuye | KAJ 006 | Pick up | Toyota | 1800000 | B006 | 1600000 |
| John | 678 | Eldoret | KAJ 007 | Bus | Scania | 7500000 | B002 | 7500000 |
| Ken | 963 | Nairobi | KAJ 008 | Matatu | Toyota | 1300000 | B003 | 1300000 |
| Phillip | 159 | Kisumu | KAJ 009 | Saloon | Nissan | 900000 | B007 | 900000 |
| Peter | 254 | Nakuru | KAJ 010 | Pick up | Isuzu | 1500000 | B001 | 1200000 |
| Ken | 357 | Kisumu | KAJ 011 | Saloon | Peugeot | 700000 | B008 | 700000 |
| Glen | 789 | Webuye | KAJ 012 | Bus | Isuzu | 10000000 | B006 | 9500000 |
| Peter | 147 | Nakuru | KAJ 013 | Matatu | Nissan | 2700000 | B004 | 2700000 |

a)      Create a database file named CMC                (2 marks)

b)      Using the information in the table, create a table to hold vehicle detail and another to hold buyer details. Name them **tblvehicle** and **tblbuyer** respectively      (4 marks)

c)      Enforce referential integrity between two tables.                             (2 marks)

d)      Create different input screen for each table, giving them appropriate title. Name them **frmvehicle** and **frmbuyer**. Use them to enter data into the tables.    (12 marks)

e)      Display a report only showing the details of the buyers who have cleared paying for the vehicle. Name the report **rptcleared** with ''CLEARED BUYERS'' as the title of the report.
                                                                                                    (10 marks)

f)      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 CMC during this time. Name the report **rptnilbal** and the title as 'SUMMARY REPORT PER BUYER.'        (8 marks)

g)      Create a query to display the vehicle details with balances of less than 500,000 but not less than 300,000. Name the query as **qrymidbal.**                (**7**marks)

h)      Create a report showing the vehicle type, the total sales for each type and the grand total.
                                                                                                    (3 marks)

i)      Print **tblvehicle,tblbuyer,rptcleared, and rptnilbal** and **qrymidbal** landscape orientation with footers being your last name and index number at the centre of the page.    (2 marks)

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 | | | | | | | |

a)     Enter the data in all bordered worksheet and auto fit all columns. Save the workbook as mark1                                                              (15 mks)

b)     Find the total marks for each subject                              (3 mks)

c)     Find total for each subject per stream using a function.          (5 mks)

d)     Find mean mark for each student using a function                 (5 mks)

e)     Rank every student in descending order using the mean           (5 mks)

f)     Create a well labeled colum chart on a different sheet to show the mean mark of every student. Save the workbook as mark2.                    (7 mks)

g)     Using mark1, use subtotals to find the average mark for each subject per stream. Save the workbook as mark3                                        (7 mks)

h)     Print mark1, mark2, and the chart                               (3 mks)