

NAME..... INDEX NO.....

SCHOOL..... CANDIDATES SIGNATURE.....

DATE.....

451/2

COMPUTER STUDIES

PAPER 2

(PRACTICAL)

TIME: 2½ HOURS

MACHAKOS COUNTY KCSE TRIAL AND PRACTICE EXAM 2015

Kenya Certificate of Secondary Education

COMPUTER

PAPER 2

(PRACTICAL)

TIME: 2½ HOURS

Instructions to candidates:

- This paper has **TWO** questions.
- Answer all the questions.
- Type your name and index number at the right-hand corner of each printout.
- Write your name and index number on the CD – ROM provided.
- Write the Name and version of software used in each question attempted in the answer sheet.
- Passwords **should not be used** while saving your work.
- Make a printout of the answers on the answer sheets provided.
- Arrange your print outs and stable them together.
- Hand in all the **printouts** and the CD – ROM provided.
- This paper consists of **4** printed pages.
- Candidates should check the question paper to ascertain that all pages are printed and no questions are missing

1. The data in the tables below was extracted from MACHAKOS COUNTY SECONDARY SCHOOLS FOOTBALL management system.

Table 1: TEAMS TABLE

School code	school Name	Address	Tel No	Reg Fee
01	Machakos sch	Box 0012	024542148	50000
02	Kathiani school	Box 2454	025485267	35000
03	Kagundo High	Box 458	025478756	47000
04	Mavoko High	Box 635	032547855	24000
05	Masii High	Box 2446	032458752	12000
06	Matungulu High	Box 6589	015487564	14000
07	Kinyui High	Box 1254	031204543	50000

Table 2: Fixtures table

Team ID	Team Name
01	Machakos sch
02	Kathiani School
03	Kangundo High
04	Mavoko High
05	Masii High
06	Matungulu High
07	Kinyui High

Table 3: RESULTS TABLE

TeamID	Team Name	Goals For	Goals AGAINST
01	Machakos Sch	6	6
02	Kathiani School	5	2
03	Kangundo High	5	4
04	Mavoko High	2	5
05	Masii High	4	3
06	Matungulu High	1	1
07	Kinyui High	0	6

- (a) i) Create a data base named “MKS” to store data above (14 marks)
 ii) Create relationships between the tables (4½ marks)
 iii) Use form to enter data into the tables (10½ marks)
- (b) i) Create a query to display the fixtures for the league (3 marks)
- (c) Create a query and use it to generate a report for a league which displays Games played, won, Drawn, Lost, Goals Against, Goals difference and points taking note that a win earns a team 3 points, draw 1 point and a loss 0 points (15 marks)
- (d) Print the:
 i) Three tables
 ii) Output for query results on fixtures (3 marks)
 iii) The league report

2. The MKS BANK OF Kenya (MBK) exchange rates on a certain day for foreign currencies against the Kenya shillings (Kshs) were as follows

Currency	MBK Mean Rate (Kshs)
1 Us Dollar	67.0222
1 Sterling pound	137.7984
1 Euro	96.6552
1 S.A Rand	10.3100
1 Swedish Kroner	10.4509

John, Gilbert, Geoffrey, Weldon and Bernard trade in buying and selling of foreign currencies. On that day they bought the following foreign currencies from MBK.

Name	US Dollars	Sterling pounds	Euros	S.A Rands	Swedish Kroner
John	400	200	340	1200	290
Gilbert	500	400	400	2000	3000
Geoffrey	200	600	300	4000	5000
Weldon	600	200	200	1000	3000
Bernard	400	200	600	2000	1000

They then sold their foreigner currencies at the following rates.

Name	US Dollars	Sterling Pounds	Euros	S.A Rands	Swedish Kroner
John	70.5	139.0	96.7910	10.4213	10.6725
Gilbert	69.0	138.5	96.79	10.5712	10.2676
Geoffrey	70.0	141.5	96.76	10.3974	10.7432
Weldon	69.55	139.0	96.80	10.6371	10.5942
Bernard	69.5	138.5	96.40	10.7218	10.6155

- (a) Using a spreadsheet package, represent the above information in one worksheet and save it as MKS (13marks)
- (b) Using formulae with absolute and relative cell references, determine the total profit made by each trader. (14 marks)
- (c) Round off the profit for each trader to zero decimal places. (2 marks)
- (d) Generate a form and use it to add details for Wesley with the following details

Name	US Dollars	Sterling Pounds	Euros	S.A Rands	Swedish Kroner
Wesley	69.8	140.5	96.75	10.4563	10.4689

- (e) Use a function to determine the trader who got the highest profit (13marks)
- (f) Format the first table as follows: (3marks)
- Set the direction of the labels to 45 degrees (2marks)
 - Centre vertically all the records (1mark)
- (g) Print the worksheet, the form (Print screen of it) and the graph (2 marks)