

---

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

**MARANDA HIGH SCHOOL  
COMPUTER STUDIES  
PAPER 2**

**SCHOOLS NET KENYA**  
Osiligi House, Opposite KCB, Ground Floor  
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27  
E-mail: [infosnkenya@gmail.com](mailto:infosnkenya@gmail.com) | Website: [www.schoolsnetkenya.co](http://www.schoolsnetkenya.co)

**MARANDA HIGH SCHOOL KCSE TRIAL  
AND PRACTICE EXAM 2016  
Paper 2**

**QUESTION ONE**

- a) Using the information below, design an appropriate spreadsheet and enter the following data Give the table an appropriate Title. Save as **D: ACTIVITY 1 (12mks)**  
**Khadija** scored 89 in English, 76 in Biology, 56 in *Computer*, 90 in Kiswahili and 48 in Math's.  
**Peter** scored 78 in English, 89 in Biology, 67 in *Computer*, 90 in Kiswahili and 34 in Math's.  
**Jane** scored 70 in English, 93 in Biology, 34 in *Computer*, 23 in Kiswahili and 69 in Math's.  
**Tasneem** scored 72 in English, 36 in Biology, 79 in *Computer*, 85 in Kiswahili and 56 in Math's  
**Rashid** scored 90 in English, 98 in biology, 89 in *Computer*, 100 in Kiswahili and 35 in Math's.
- (b) Calculate the total marks for each student Label it appropriately. Write on the paper provided the formula used for Tasneem. **(6mks)**
- (c) Calculate the average for English, Biology, *Computer*, Kiswahili and Math's and Total score for the class. Label this average appropriately and write on the paper provided the formula for obtaining these averagemarks for *Computer*. Save as D:' **Activity 2 (8mks)**
- (d) Arrange the records in a descending order by total score. **(4mks)**
- (e) Count all students whose total score is above 60% and place your result in an empty cell. Label the result appropriately Write on the paper provided the formula used. Save as **D: Activity 3. (6mks)**
- (f) The school would like the remark PASS for students whose total score is 50% and above and FAIL otherwise. Generate an appropriate cell. Label the row/column as REMARK, Write down the formula used for Peter. Save as **D: Activity 4. (6mks)**
- (g) Plot a bar graph for the following averages. English, Biology, *Computer*, Kiswahili and Math's Add a title and label the X and Y axes appropriately. Save your graph as **D: Activity G. (6 Marks)**
- h) Print *Activity1, Activity 3, Activity 4 and Activity G. (2mks)*

**QUESTION TWO**

- (a) Create a database file named *D:HOTELS* to store the following data. Make the passport Id unique record identifier (the primary key)**(20marks)**

NAMES	SSPORT	SE	ALE	OTEL	OTEL CHARGE	ATE OF VISIT
nk Moon	017/98		S	RENA	,000.00	02.98
rbara Bush	009/98		D	TER-CONTINENTAL	,000.00	02.98
ary Clinton	015		D	INDSAR	,000.00	02.98
na Anan	016/98		D	LTON	,000.00	00.98
ata Mary	013/98		S	LTON	,500.00	02.98
kaya Kikwete	001/98		S	LTON	,300.00	05.98
smond Tutu	007/98		S	INDSAR	,000.00	04.98
ashell Graca	011/98		D	TER-CONTINETAL	0,000.00	05.98
nnedy Njoroge	001/98		S	ICO	,000.00	06.98
argaret Thatcher	010/98		D	RENA	,200.00	02.98
useveni Kaguta	000/98		S	INDSAR	,000.00	01.98



10	niyu								
	TAL								
	TAL	R H							
	TAL	R 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 column 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)