

KAMUKUNJI DISTRICT KCSE EVALUATION TEST - 2014

451 / 2

COMPUTER STUDIES

Paper 2 (PRACTICAL)

July 2014

2½ Hours

INSTRUCTIONS TO CANDIDATES

- (a) Indicate your **name** and **index number** at the top right hand corner of each printout.
- (b) Write your **name** and **index number** on the CD/Removable storage medium provided.
- (c) Write the name and the version of the software used for each question attempted in the answer sheet.
- (d) Answer **all** the questions.
- (e) All questions carry equal marks
- (f) Passwords should not be used while saving in the CD/removable storage medium provided.
- (g) All answers **must** be saved in your CD/Removable storage provided.
- (h) Make a printout of the answers on the answer sheets provided.
- (i) Hand in all the **printouts** and **CD/Removable storage medium** used.
- (j) This paper consist of **4** printed pages.
- (k) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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 average marks 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	PASSPORT	AGE	MALE	HOTEL	HOTEL CHARGE	DATE OF VISIT
Bank Moon	UN017/98	42	YES	SERENA	\$3'000.00	3.02.98
Barbara Bush	US009/98	58	NO	INTER-CONTINENTAL	\$6,000.00	2.12.98
Hilary Clinton	USO15	38	NO	WINDSAR	\$7,000.00	1.02.98
Nana Anan	UNO16/98	42	NO	HILTON	\$8,000.00	1.10.98
Akata Mary	UG013/98	68	YES	HILTON	\$4,500.00	1.02.98
Jakaya Kikwete	TZ001/98	68	YES	HILTON	\$6,300.00	1.05.98
Desmond Tutu	SA007/98	79	YES	WINDSAR	\$7,000.00	3.04.98
Mashell Graca	MG011/98	51	NO	INTER-CONTINETAL	\$10,000.00	3.05.98
Kennedy Njoroge	KE001/98	45	YES	LAICO	\$6,000.00	1.06.98
Margaret Thatcher	GB010/98	72	NO	SERENA	\$9,200.00	1.02.98
Museveni Kaguta	UG00/98	52	YES	WINDSAR	\$8,000.00	1.11.98
Jalal Talabani	IQ005/98	64	YES	LAICO	\$3,200.00	3.05.98
Al Bashir	LB006/98	48	YES	WINDSAR	\$11,000.00	3.12.98
Salva Kilr	SD014/98	50	YES	HILTON	\$8,000.00	1.12.98
Jacob Zuma	SA012/98	67	YES	SERENA	\$11,000.00	2.11.98

b)

ii) Sort the table in ascending order of age.

iii) Save the table as D Hotels 2

(3 Marks)

- c) Insert a field that will accommodate the continents of their origin. Note that passport ID UNO 17/98, UN016 98, USOI5/98, US009/98 are from America. UG013/98, TZ001/98, SA007/98, MQ011/98, KE001/98, UG003/98, LB006/98, SDOI4/98, SDO14/98 AND SAO 12/98 from Africa 1Q005/98 Asia and GB010/98 Europe. Save as *D: Hotels 3* (6marks)

d) i) Create a query that contains the field passport ID, Names, Date of Visit, Hotel Charge and age for all members who visited Kenya hotels after 2012/98 and are above 60 years of age or their Hotel charge paid is less than \$ 7,000.00 Write down the query expression used. Save as **D: QueryH** (6 Marks)

ii. Create a total query that will give total hotel charges .Save as **D:QueryT** (4marks)

e)

i) Excluding the male field, create a report and give it a title " President Visit" (6marks)

ii) Save the report as **D: Report P** (2Marks)

iii)Print Hotels, Hotels 2, Hotels 3, Query H, Query T, Report P (3mks)