

Name.....

Index No.

School

451/2
COMPUTER STUDIES
PAPER 2
JULY / AUGUST 2007

NAROK DISTRICT MOCK EXAMINATION – 2007
Kenya Certificate Of Secondary Education (KCSE)

451/2
COMPUTER STUDIES
PAPER 2
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Instructions:

- Type your name and index number on the top right corner
- Write your name and index number on the diskette
- Passwords should not be used
- Answer all the questions
- All questions carry equal marks
- Answers MUST be saved in the diskette
- Make a print out on the answer sheets given
- Hand in all the printouts and diskette.

This paper consists of 4 printed pages.

Candidates should check the question paper to ensure that all pages are printed as indicated and no questions are missing

Please read the questions carefully before attempting them

QUESTION ONE

- a) Using the information below, design an appropriate spreadsheet and enter the following data
Give the table an appropriate Title. Save as **A: TASK 1** (12mks)

Susan scored 89 in English, 76 in Biology, 56 in French, 90 in Kiswahili and 48 in Math's. Eric scored 78 in English, 89 in Biology, 67 in French, 90 in Kiswahili and 34 in Math's. Linnet scored 70 in English, 93 in Biology, 34 in French, 23 in Kiswahili and 69 in Math's. Agnes scored 72 in English, 36 in Biology, 79 in French, 85 in Kiswahili and 56 in Math's. John scored 90 in English, 98 in biology, 89 in French, 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. (6mks)

- (c) Calculate the average for English, Biology, French, 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 French. Save as **A: Task 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 **A: Task 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. Save as **A: Task 4**. (6mks)

- (g) Plot a bar graph for the following averages. English, Biology, French, Kiswahili and Math's. Add a title and label the X and Y axes appropriately. Save your graph as **A: Task G**. (6 Marks)

- h) Print Task, Task2, Task 3, Task 4 and Task G. (2mks)

QUESTION TWO

(a) Create a database file named A:HOTELS to store the following data. (10marks)

NAMES	PASSPORT	AGE	MALE	HOTEL	HOTEL CHARGE	DATE OF VISIT
Kofi Anan	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	SAFARI PARK	\$7,000.00	1.02.98
Nana Anan	UNO16/98	42	NO	SENATE	\$8,000.00	1.10.98
Akata Mary	UG013/98	68	YES	SENATE	\$4,500.00	1.02.98
Mwalimu Nyerere	TZ001/98	68	YES	SENATE	\$6,300.00	1.05.98
Desmond Tutu	SA007/98	79	YES	SAFARI PARK	\$7,000.00	3.04.98
Mashell Graca	MG011/98	51	NO	INTER-CONTINENTAL	\$10,000.00	3.05.98
Kennedy Njoroge	KE001/98	45	YES	GRAND REGENCY	\$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	SAFARI PARK	\$8,000.00	1.11.98
Sadaam Hussein	IQ005/98	64	YES	GRAND REGENCY	\$3,200.00	3.05.98
Maummad Gadafi	LB006/98	48	YES	SAFARI PARK	\$11,000.00	3.12.98
John Garang	SD014/98	50	YES	SENATE	\$8,000.00	1.12.98
Nelson Mandera	SA012/98	67	YES	SERENA	\$11,000.00	2.11.98

b) i) Make the passport Id unique record identifier (the primary key)

ii) Sort the table in ascending order

iii) Save the table as A Hotels 2

(7 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, SDOI14/98 AND SAO 12/98 from Africa IQ005/98 Asia and GB010/98 Europe. Save as A: Hotels 3

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 2/12/98 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 **A: Query R**

(7 Marks)

ii. Create a total query that will give total hotel charges

iii. Save the query as **A: Report P**

(4 Marks)

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

ii) Save the report as **A: Report P**

(8 Marks)

Print Hotels, Hotels 2, Hotels 3, Query R, Query P, Report P

(7 Marks)