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2014 MINI-MOCK

MARCH SERIES

COMPUTER STUDIES

Paper 2

PRACTICAL EXAMINATION

2¹/₂ hours

INSTRUCTIONS TO CANDIDATES

1. Ensure you have all questions printed on the question paper
2. Answer BOTH questions
3. Type your name and index number at the right corner of each printed paper
4. Write the name and version of the software used for each question attempted in this question paper
5. All answers must be saved on the storage device given
6. Make a printout of the answers on the answer sheet s provided
7. Hand in all the printout and your work on the storage device

QUESTION ONE

1. Natulenge Juu secondary school admits students who are fee payers and those who are sponsored by the school. The following is an extract of the details in the school records for a certain term.

Admission no	Name	Address	Town	Class	Receipt No	PAYMENT DATE	Fees paid
001	K. OBI	123	KISUMU	4A	1	12-1-2000	5000

003	J LARI	222	MAUA	3C	2	12-1-2000	7000
002	K MOI	450	KABARK	2B	3	15-1-2000	5000
001	K OBI	123	KISUMU	4A	4	30-1-2000	2000
004	C RUB	444	NANDI	4A	5	30-2-2000	9000
002	K MOI	450	KABARK	2B	6	2-2-2000	4000
003	J LARI	222	MAUA	3C	7	2-2-2000	1000
005	T LEO	321	LAMU	3C	8	3-2-2000	9000
001	K OBI	123	KISUMU	4A	9	15-2-2000	1000
005	P TOP	145	BUSIA	2C	10	20-2-2000	5500

- Create a database called njssshule. [1 marks]
- Split the data into two tables and give them appropriate names [6 marks]
- Choose the appropriate primary key for each table [2 marks]
- Create a relationship between the two tables [2 marks]
- Enter the data in the two tables [8 marks]
- Create a main form and a sub form on the main form to help display and enter new records in the database. Save it as "details" [5 marks]
- Display on the main form the total fees paid in January, February and the grand total fees paid. [6 marks]
- Create a query to show the students who paid fees in February. Save it as "pfeb" [4 marks]
- Create a query to display the fee balances if the total term's fees is 9000 shillings. Save it as "fbal" [5 marks]
- Create a query to display the students who have completed fees if the total term's fees is 9000 shillings. save it as "fcomp" [3 marks]
- Create a report to display the amount each student owes the school and the amount of fees owed by all students. Save it as "balance" [5 marks]
- Print "pfeb", "fbal", "fcomp" and "balance" [4 marks]

QUESTION TWO

STAREHE BOYS CENTRE

FORM THREE 2008

COMPUTER MARKS

class no	student	house code	TERM 1	TERM 2	TERM 3	MEAN MARK	ST Rank	Remarks
1	TOM	KB	50	45	48			
2	PAM	HO	56	55	57			
3	BEN	TM	70	46	56			
4	TIM	TM	80	70	66			
5	KEN	KB	67	68	72			
6	PAT	KK	66	54	70			
7	LEO	KK	80	90	88			
8	DAN	NJ	75	70	78			
9	CLY	NJ	67	70	71			
10	SAM	PS	67	78	75			
Stud total								

house code	House
GK	GIKUBU
KB	KIBAKI
KK	KERKLY

NO. STD

total
mean
marks

Hse
mean

Hse
Rank

TM	TIMBOYA
PS	PATSHOW
NJ	NJONJO
GT	GETURO
MR	MURIOKI
HO	HOSTEN
	TOTAL STUDENTS

- Study the table above and create a good spreadsheet to store the data shown. Save it as computer marks. (15 marks)
- Calculate the mean mark of each student marks and store in proper cells (3 marks)
- Calculate the position of each student marks based on mean mark and store in proper cells (3 marks)
- Determine the student remarks based on the scale: 80 to 100 Excellent, 70 to 79 very good, 60 to 69 good, 50 to 59 fair and 0 to 49 fail. (4 marks)
- Calculate the total number of students in the class and store in a proper cell (2 marks)
- Calculate the mean mark of each term and store in proper cells (2 marks)
- Calculate the yearly mean mark of the class marks and store in a proper cell. (1 marks)
- Determine the number of students in each house from this class. (4 marks)
 - Determine the yearly mean mark of each house for this class. (4 marks)
 - From the yearly house means obtained position the houses (4 marks)
 - Determine the best student and house in that year in computer. (4 marks)
 - Ensure that all your work fit only on one page of A4 size paper and a header of your names and class. Print this work sheet. (4 marks)