

1. (a) Create a database called **SCHOOL**. (2 marks)  
 (b) Create three tables Examination, **DOS** and **BOARDING** with the fields as shown below. (10 marks)  
 (c) create a relationship between the three tables and enforce integrity. (6 marks)  
 (d) Enter the data items in the given tables three tables. (15 marks)

Examinations				
Admission Number	Mathematics	English	Kiswahili	Biology
1	45	67	90	23
10	45	89	90	20
2	45	70	80	45
3	89	90	90	20
4	78	9	90	50
5	67	89	60	90
6	67	90	7	80
7	34	78	70	90
8	23	50	38	90
9	23	15	67	20

DOS				
Admission Number	SName	Other Names	KCPEMark	Year of KCPE
1	PETER	BARASA	327	2007
10	JOHNSON	SUK	250	2001
2	ALEX	OJWANG'	340	1998
3	CHEPKUTO	ESTHER	250	2008
4	WEKESA	RAYMOND	450	2007
5	ALEX	WAMWANA	410	2003
6	JANE	KILONZO	400	2000
7	MATHEW	KARIUKI	450	1999
8	NASIMIYU	CATHEEN	290	2003
9	KIMATHI	JOHN	3000	2001

BOARDING				
Admission Number	UNIFORM	TOOL	TOOL NAME	
1	No	12	JEMBE	
10	Yes	20	JEMBE	
2	No	11	PANGA	
3	Yes	1	SLASHER	
4	Yes	111	JEMBE	
5	No	15	RAKE	
6	Yes	22	BASIN	
7	Yes	11	BROOMS	
8	Yes	90	RAKE	
9	Yes	23	BUCKET	

(e) Design a query that would display the following fields as shown below and write down the formulae for getting the total score and criteria for extracting the records below 10 marks)

Admin							
Admission Number	UNIFORM	SName	KCPEMark	Mathematics	English	Kiswahili	TOTAL SCORE
1	Yes	CHEPKUTO	250	89	90	90	269
10	Yes	WEKESA	450	78	9	90	177
2	Yes	JANE	400	67	90	7	164

(f) Design a report that would sort the following in ascending order in the order of the following fields, Total score, KCPE Score, SName the Admission Number and the report should display all the fields.

Save the report as administration

(5 marks)

(g) Print, administration and admin

(2marks)