FORM FOUR CLUSTER KCSE MODEL10

COMPUTER STUDIES PAPER 2 QUESTIONS

1. . a) Create a database called EDU. (2mks)

   b) Create three tables Exam, Student and Boarding with the fields as shown below. (10mks)

   c) Create a relationship between the three tables. (3mks)

2. Design a query that would display the following fields as shown below: Save it as Total.(10mks)

   f)   Design a report that would sort the following in ascending order in the order of the following fields: Total, KCPE Mark, F Name and Adm NO and the report title is ADMINISTRATION. Save the report as Admin. (5mks)

g) Print, Exam, Student, Boarding, Total and Admin. (5mks)

The Central Bank of Kenya(CBK) exchange rates on certain day for foreign currencies against the Kenya Shilling (Ksh)were as follows:

e)

EXAM				
Adm NO	Maths	Eng	Kisw	Bio

AdmNo	Yes/No	FName	KCPE Mark	Maths	Eng	Kisw	Total	
10			45		89		90	20
2			56		70		80	45
3			89		90		90	20
4			78		30		90	50
5			67		89		60	90
6			67		90		40	80
7			34		78		70	90
8			23		50		38	90
9			23		15		67	20

2.

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Page 1

Currency	CBK mean rate (Kshs.)
1 US Dollar	67.0222
1 Sterling Pound	137.7984
1 Euro	96.6552
1 S.A Rand	10.3100
1 Swedish Kroner	10.4509

Kamau, Hongo, Musa, Ogutu and Namu trade in buying and selling of foreign currencies. On that day, they bought the following foreign currencies from CBK

Name	US Dollars	Sterling pound	Euros	S.A Rands	Swedish rands
Kamau	400	200	340	1200	290
Hongo	500	400	400	2000	3000
Musa	200	600	300	4000	5000
Ogutu	600	200	200	1000	3000
Namu	400	600	600	2000	1000

They sold their foreign currencies at the following rates

Name	US Dollars	Sterling pound	Euros	S.A Rands	Swedish Kroner
Kamau	70.50	139.0	96.7910	10.4213	10.6725
Hongo	69.00	138.5	96.79	10.5712	10.2676
Musa	70.00	141.5	96.76	10.3974	10.7432
Ogutu	69.55	139.0	96.80	10.6371	10.5942
Namu	69.50	138.5	96.40	10.7218	10.6155

a) Using a spreadsheet package, represent the information in one worksheet and save it as FOREX. (13mks)

b) Using formulae with absolute and relative cell references, determine the total profit made by each trader. (12mks)

c) Format the profit for each trader to zero decimal places. (2mks)

d) Create a well labeled bar graph on a different worksheet showing the cost incurred on buying US Dollar by each trader. (16mks)

e) Use a function to determine the trader who got the highest profit. (3mks)

f) Format the first table as follows: (2mks)

☐ Set the direction of the labels to 450.

☐ Centre vertically all the records.

g) Print the worksheet and the graph. (2 marks)

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Page 2