

FORM FOUR CLUSTER KCSE MODEL14

COMPUTER STUDIES PAPER 2 QUESTIONS

1. Below is a cash statement for the first half of the year for Mamboleo safaris tours & Travel 2014. Enter the data into a worksheet as shown. Save your work in a CD as Mamboleo safaris (15 mks)

	A	B	C	D	E	F	G	H
1			MAMBOLEO SAFARIS TOURS & TRAVEL					
2			Income and Expenditure for 2014					
3								
4								
5								
6								
7								
8		Quarter 1	Quarter 2	Quarter 3	Quarter 4	TOTAL		
9								
10								
11	INCOME							
12	(SALES)							
13	Safari to parks	81,394	110,137	114,363	117,320			
14	Commission from booking	1,000	1,000	2,000	300	1400		
15	TOTAL SALES							
16								
17								
18								
19	EXPENSES					TOTAL		
20	Cost providing services							
21	Kent	10,000	10,000	10,000	10,000			
22	Salaries	20,000	20,000	20,000	20,000			
23	Email/Internet	3,000	3,000	3,000	3,000			
24	Electricity	2,000	2,000	2,000	2,000			
25	Advertising	12,000	13,000	13,700	45,000			
26	Travel	20,000	21,000	30,000	23,000			
27	Miscellaneous	1000	1200	1400	2300			
28								
29	Total expenses							
30								
31	Profit							
32								

b. Calculate the following; (4 mks)

i) Total Expenses and sales for each quarter

ii) Profit/loss

iii) Calculate total sales and Expenses for Quarter 1- Quarter 4

iv) Add a row below total expenses and label it 'Highest Expenditure' use a formula to obtain this figure c. Format the heading 'MAMBOLEO SAFARIS TOURS & TRAVEL' (5 mks)

Alignment: Merge and centre

Font style: Bold & Underline

Font Size: 16

Font Type: Arial.

Name the worksheet Mamboleo 1.

d. Insert a new worksheet and name it Mamboleo2.

Copy the contents of Mamboleo 1 to

Mamboleo 2. (2marks)

e. Mamboleo Managing Director wanted to know what her income from sales would be. Using Mamboleo 2 worksheets add a row below

Net income and label it comment. Generate using a formula a comment showing "Loss" if the sales are negative and "profit" if the sales are positive. Align the months to 45' (degrees) (7 marks)

f. (i) By using Mamboleo 2, 10% of the profit is to be set aside for development please add arrow to calculate the same. Sort the expenses by Name from Ascending to Descending, then sort by January expenses (4 marks)

(ii) Insert a column chart and use it to compare total sales and total expenses, ensure that it is on its own page. (6 marks)

g. Using Mamboleo 2 add arrow below "profit" add to calculate the sum of all values in quarter 1 whose expenses are above 5000 (4marks)

h. Print Mamboleo 1 Mamboleo 2 and Mamboleo chart (3marks)

2. The information given below is on products, suppliers and orders for a departmental store.

Table 1 (Products table) contain four fields representing Product ID, Product Name, Retail Price and No of Units of the product in stock respectively. The unique identifier of a product is its Product ID.

Table 2 (Suppliers table) contains five fields representing Suppliers ID, Supplier Name, Address, Town and Tel No respectively. The unique identifier of a Supplier is the Suppliers ID.

Table 3 (Orders table) contains seven fields representing Order ID, Product ID, Supplier ID, Wholesale Price, No of Units, Date ordered and Date received respectively. The unique identifier is its Order ID

Table 1 (Products)

Product ID	Product Name	Retail Price	No of Units
1	I Kimbo 1 Kg	100	300
10	Omo200g	35	21
2	Cowboy 1Kg	120	180
3	Batteries AAA	50	200
4	Salt 1Kg	25	45
5	Sprite 300ml	20	87
6	Dasani 500ml	30	65
7	Baking flour 2Kg	89	89
8	Batteries D	60	32
9	Layersmash70Kg	1,050	54

Table 2 (suppliers)

Suppliers ID	Supplier Name	Address	Town	Tel No
1001	Eveready	54839	Kitale	77777
1002	Unilever	2361	Thika	256782
1003	Bidco	3345	Nairobi	345671
1004	Cocacola	45621	Nairobi	456781
1005	Unga Ltd	52428	Nakuru	26314
1006	Kay Salt	64365	Mombasa	332233

Table 3 (Orders)

Order ID	Product ID	Supplier ID	Wholesale Price	No of Units	Date Ordered	Date received
10001	1	1002	23	20	12/4/2007	13/4/2007
10002	5	1003	16	40	11/11/2006	
10004	2	1002	25	400	8/8/2006	23/9/2006
10005	4	1002	18	45	4/4/2007	
10006	8	1006	24	50	12/12/2006	
10008	7	1005	56	100	2/2/2006	
10010	6	1003	20	20	14/3/2007	
10013	5	1002	16	100	4/5/2007	6/5/2007

(a) Use the information to create a database named STORE and enter the data in tables Products, Suppliers and Orders. (30mks)

(b) (i) Create the relationships between the tables. (4mks)

(ii) Create a query to find the Cost of the products and save it as Product cost (7mks)

(c) Create a form to allow the entering of the product details and add an appropriate form title and save as product form. (5mks)

(d) Print the three tables and the query (4mks)