

Name..... Index No.....
School..... Candidate's sign.....
Date.....

451/2
COMPUTER STUDIES
PAPER 2
July/August 2010
2 ½ hrs

MANGA DISTRICT JOINT EVALUATION TEST – 2010
Kenya Certificate of Secondary Education (K.C.S.E)

COMPUTER STUDIES
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INSTRUCTION TO CANDIDATES.

1. Indicate your Name and Index Number at the top right hand corner of each printout.
2. Write your Name and Index Number on the Storage medium provided (optional).
3. Save **All** your work in My document folder which has been created.
4. Passwords should not be used while saving in any media.
5. Answer **All** the questions.
6. All questions carry equal marks.
7. Make a printout of the answers on the **A4** papers provided.
8. Hand in **All** the printouts and the storage media.

This paper consists of 4 printed pages. Candidates should check carefully

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to ascertain that all the pages are printed as indicated and no questions are missing.

1. 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)
2. The following is a worksheet extracted from business join vendors. They have come together to do a business of selling computer accessories.

JOIN VENDORS

Names	Cost	Sales	Gross profit	Expenditure	Reserves	Net profit	Remarks
Benson Kirui	700	350		450			
Momanyi John	400	700		50			
Ndege James	200	950		250			
Bethwel Tembur	300	650		300			
Amos Kimeu	100	300		100			
Korir Josphat	400	550		50			
Danson Omweri	650	600		40			
Nyagwara Charle	555	885		55			
Kones Kelvin	250	850		70			
Lenny Kariuki	500	360		54			
AlfredMobisa	700	350		45			
Omar Hassan	900	1000		180			
Ocholla Fred	850	950		25			
Viction Areba	110	700		50			

Jack Kernel	350	800		150			
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Additional information

- (i) Reserves is 10% of Gross profit.
- (ii) Net profit = Gross profit - (Expenditure + Reserves)
- (a) Create a workbook and enter the details as above. Save as Vendor (20mks)
- (b) Keep the title of the workbook to be JOIN VENDORS and format it to be bold, font size 14 and align at 45° (3mks)
- (c) Format the figures in sale column to 2 decimal places. (2mks)
- (d) Use appropriate formulae/function to calculate:
- (i) Gross profit for each member (3mks)
- (ii) Reserves for each member (3mks)
- (iii) Net profit for each member (3mks)
- (e) Use “IF function” and net profit to analyse the vendors, taking the following remarks: (6mks)
- (i) If net profit ≥ 500 , then “V.good vendor”
- (ii) If net profit > 400 , then “Good vendor”
- (iii) If net profit ≤ 300 , then “Dormant vendor”
- (f) Use names of the vendor and cost to insert line graph, keep the title of the graph to be PRODUCTIVE ANALYSIS, format it and place it in a separate sheet (6mks)
- (g) Print the “JOIN VENDOR” and “PRODUCTIVE ANALYSIS” chart (4mks)