

451/2
COMPUTER STUDIES
PAPER 2
MARKING SCHEME

QUESTION 1- DATABASE

- | | | | | | |
|----|------|---|--|---------|--------|
| a) | i) | - | Employees details table (Employee ID, Name, Address, Town, Department) | (5 mks) | *TRZ* |
| | | | Contributions table (Employee ID, Receipt No, Amount paid) | 5 mks) | *TRZ* |
| | ii) | - | Creating the welfare database | (4 mks) | *TRZ* |
| | iii) | - | Keys: Employee ID for employee details table | (3 mks) | **TRZ* |
| | | | Receipt No for contributions table | (3 mks) | *TRZ* |
| | iv) | - | A one-to-one relationship created | (4 mks) | *TRZ* |
| b) | i) | - | A form for employee details | (4 mks) | *TRZ* |
| | | - | A form for contributions table | (4 mks) | *TRZ* |
| | ii) | - | Records well entered | (9 mks) | *TRZ* |
| c) | | - | Correct fields | (3 mks) | *TRZ* |
| | | - | Correct total | (3 mks) | *TRZ* |
| d) | | - | Printed tables and report 1 mk each | (3 mks) | *TRZ* |

QUESTION 2 - SPREAD SHEETS

- | | | | | |
|----|---|---|----------|-------|
| 1. | - | Correctly projected sales | (3 mks) | *TRZ* |
| | - | Correctly projected expenses 3 mks each | (30 mks) | *TRZ* |
| 2. | - | Average expenses | (1 mk) | *TRZ* |
| | - | Average sales | (1 mk) | *TRZ* |
| | - | Average profit | (1 mk) | *TRZ* |
| 3. | - | Comma style | (1 mk) | *TRZ* |
| | - | Kenya shilling symbol | (1 mk) | *TRZ* |
| | - | Two decimal places | (1 mk) | *TRZ* |
| 4. | - | Appropriate title | (1 mk) | *TRZ* |
| | - | Legend | (3 mks) | *TRZ* |
| | - | Y axis labels and figures | (1 mk) | *TRZ* |
| | - | X axis labels | (1 mk) | *TRZ* |
| | - | Plotted lines | (2 mks) | *TRZ* |
| 5. | - | Printed work sheet1, work sheet 2 and graph | (3 mks) | |

Contributions Table		
Employee ID	Receipt No	Amount Paid
3	M220010	3,000.00
6	M220011	3,500.00
1	M220012	4,892.00
5	M220013	5,000.00
2	M220014	4,500.00
1	M220015	9,600.00
4	M220016	2,500.00
5	M220017	4,000.00
3	M220018	8,275.00

Employee Details Table				
EMPLOYEE ID	NAME	ADDRESS	TOWN	DEPARTMENT
1	Ouma Derick	6540	Kitale	Computer
2	Peter N. Biwott	5032	Nairobi	Accounting
3	Kirui B. Paul	4215	Eldoret	Markeitng
4	John Makokha	7235	Nakuru	Administration
5	Kimani Joseph	1284	Wajir	Purchasing
6	J . K. Mbegi	1325	Kisii	Sales

Employee Details report

EMPLOYEE ID	NAME	DEPARTMENT	RECEIPT NO	AMOUNT PAID
1	Ouma Derick	Computer	M220012	4,892.00
			M220015	9,600.00
2	Peter N. Biwott			

3	Kirui B. Paul	<i>Accounting</i>	M220014	4,500.00
4	John Makokha	<i>Markeitng</i>	M220010 M220018	3,000.00 8,275.00
5	Kimani Joseph	<i>Administration</i>	M220016	2,500.00
6	J . K. Mbegi	<i>Purchasing</i>	M220013 M220017	5,000.00 4,000.00
		<i>Sales</i>	M220011	3,500.00
		<i>TO TAL CONTRIBUTIONS</i>		45,267.00

Friday, June 02, 2006

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Work Sheet 1 - Leader

ANNUAL INCOME AND EXPENDITURES

INCOME	%	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Sales	9%	1200000000	13,080,000.00	1425720000	1554034800	1693897932	1846348746
EXPENSES							
Drugs	14%	168000000	183120000	199600800	217564872	237145710	258488824
Roads and Maintenance	8%	96000000	104640000	114057600	124322784	135511835	147707900
Machinery	2.50%	312000.00	33900000	36843000	40050870	43547448	47358719
Water	4%	122,000.00	12688000	13195520	13723341	14272274	14843165
Salaries	12%	100000000	112000000	1254400.00	140492800	157351936	176234168
Commissions	2%	24000000	26160000	28514400	31080696	33877959	36926975
Loan Repayment		18000000	18000000		18000000	18000000	18000000
Tourism and promotion	2.60%	31200000	34008000	37068720	40404905	44041346	48005067
Depreciation		2200000	2200000	22000.00	2200000	2200000	2200000
Miscellaneous		1000000	1900000	28000.00	3700000	4600000	5500000
Total Expenses		4838000.00	528616000	559720040	631540268	690548509	755264819
Profit		716200000	779384000	865999960	922494532	1003349423	1091083927

Work Sheet – Leader

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ANNUAL INCOME AND EXPENDITURES

INCOME	%	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Sales	9%	KES 12,000,000.00	KES 13,080,000.00	KES 14,257,200.00	KES 15,540,348.00	KES 16,938,979.32	KES 18,463,487.46
EXPENSES							
Drugs	14%	KES 1,680,000.00	KES 1,831,200.00	KES 1,996,008.00	KES 2,175,648.72	KES 2,371,457.10	KES 2,584,888.24
Roads and Maintenance	8%	KES 960,000.00	KES 1,046,400.00	KES 1,140,576.00	KES 1,243,227.84	KES 1,355,118.35	KES 1,477,079.00
Machinery	2.50%	KES 312,000.00	KES 339,000.00	KES 368,430.00	KES 400,508.70	KES 435,474.48	KES 473,587.19
Water	4%	KES 122,000.00	KES 126,880.00	KES 131,955.20	KES 137,233.41	KES 142,722.74	KES 148,431.65
Salaries	12%	KES 1,000,000.00	KES 1,120,000.00	KES 1,254,400.00	KES 1,404,928.00	KES 1,573,519.36	KES 1,762,341.68
Commissions	2%	KES 240,000.00	KES 261,600.00	KES 285,144.00	KES 310,806.96	KES 338,779.59	KES 369,269.75
Loan Repayment		KES 180,000.00	KES 180,000.00	KES 180,000.00	KES 180,000.00	KES 180,000.00	KES 180,000.00
Tourism and promotion	2.60%	KES 312,000.00	KES 340,080.00	KES 370,687.20	KES 404,049.05	KES 440,413.46	KES 480,050.67
Depreciation		KES 22,000.00	KES 22,000.00	KES 22,000.00	KES 22,000.00	KES 22,000.00	KES 22,000.00
Miscellaneous		KES 10,000.00	KES 19,000.00	KES 28,000.00	KES 37,000.00	KES 46,000.00	KES 55,000.00
Total Expenses		KES 4,838,000.00	KES 5,286,160.00	KES 5,777,200.40	KES 6,315,402.68	KES 6,905,485.09	KES 7,552,648.19
Profit		KES 7,162,000.00	KES 7,793,840.00	KES 8,479,999.60	KES 9,224,945.32	KES 10,033,494.23	KES 10,910,839.27
Average Expenses		KES 483,800.00	KES 528,616.00	KES 577,720.04	KES 631,540.27	KES 690,548.51	KES 755,264.82
Ave Sales							
KES 15,046,669.13							
Ave Profit							
KES 8,934,186.40							

ANNUAL INCOME AND EXPENDITURES PROJECTION

