
IKUTHA SUB-COUNTY KCSE REVISION MOCK EXAMS 2015

COMPUTER STUDIES PAPER 2

SCHOOLS NET KENYA

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NAME _____
SCHOOL _____

INDEX NO. _____
SIGNATURE _____
DATE _____

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COMPUTER STUDIES

PAPER 2

(PRACTICAL)

JULY/AUGUST, 2015

TIME: 2½ HOURS

IKUTHA SUB-COUNTY FORM FOUR JOINT EXAMINATION, 2015

Kenya Certificate of Secondary Education (K.C.S.E)

451/2

COMPUTER STUDIES

PAPER 2

(PRACTICAL)

TIME: 2½ HOURS

INSTRUCTIONS TO CANDIDATES

- Write your name and index number at the top right hand corner of each print out.
- Write your name and index number on the storage medium provided.
- Passwords **should not** be used while saving in your work.
- This paper consists of **two** questions
- Answer **all** the **questions**.
- All questions carry equal **marks**.
- All answers **must** be saved in your storage medium
- Hand in all the print outs and the storage medium
- This paper consists of **3** printed pages
- Candidates should check to ensure that all pages are printed as indicated and no questions are missing.

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

PARTNERS VENDORS

Names	Cost	Sales	Gross profit	Expenditure	Reserves	Net profit	Remarks
Samson Too	700	350		450			
Victor Onyango	400	700		50			
James Ahenda	200	950		250			
Peter Kimaiyo	300	650		300			
Alice Visaho	100	300		100			
Salome Nyarago	400	550		50			
Joseph Opiyo	650	600		40			
Sonia Wambui	555	885		55			
Mary Wayudo	250	850		70			
Leah Wanjera	500	360		54			
Joy Maelo	700	350		45			
Mohammed Dida	900	1000		180			
Kevin Momanyi	850	950		25			
Michael Karanja	110	700		50			
Hilda Njeri	350	800		150			

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 (20 marks)
 - b) Keep the title of the workbook to be PARTNER’S VENDORS and format it to be bold, font size 14 and align at 45°. (3 marks)
 - c) Format the figures in sale column to 2 decimal places. (2 marks)
 - d) Use appropriate formulae/function to calculate:
 - i) Gross profit for each member. (3 marks)
 - ii) Reserves for each member (3 marks)
 - iii) Net profit for each member. (3 marks)
 - e) Use ‘IF function’ and net profit to analyse the vendors, taking the following remarks: (6 marks)
 - i) If net profit \geq 500, then ‘V. good vendor’
 - ii) If net profit $>$ 400, then ‘Good vendor’
 - iii) If net profit \leq 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. (5 marks)
 - g) Print the ‘PARTNER’S VENDOR’ and ‘PRODUCTIVE ANALYSIS’ chart. (4 marks)

2. Sylvia is the chairlady for the World Starts With Me Club. She has been told to use a database management system (DBMS) to help the club maintain record on the clubs' members. Perform the following operations just like Sylvia would.

a) Create a database file called World Starts that has the following fields of data for each member:

(2 marks)

b) Input the following data save the tables the table as WSM

(14 marks)

Last Name	First Name	Membership No	Date of registration	Age	Fee	Fully paid
Auma	Daniella	1234	12/1/01	15	100	Y
Atieno	Wan	5858	10/1/01	15	50	N
Akongo	Toto	595	08/1/01	14	0	N
Awino	Brenda	966	12/1/01	16	0	N
Awour	Kibaki	238	10/1/01	13	70	N
Ondigo	Sophie	868	12/1/01	16	100	Y
Wakiaga	Precious	628	12/1/01	15	100	Y
Oketch	Lucy	744	11/1/01	16	60	N

c) Create a report that contains Members first name, number, date of registration and payment status for those registered on 12/1/01.

(4 marks)

d) Make the membership number primary key

(2 marks)

e) Format the fee figures to 2 decimal places.

(1 mark)

f) Save the query as club24

(2 marks)

g) Create another query that would be used to display those last name starts with letter A and aged 15 name it 'Age 15'.

(5 marks)

h) There was an outcry that the registration amount is very little, using another update the members fee by 10% save the table as WSM2.

(4 marks)

i) Excluding the FULLY PAID field, create a report and give it the title: World Starts With Me Club.

(4 marks)

j) Save the report as Our World

(2 marks)

k) Create a tabular form and get the total fees collected. Save it as From fees.

(6 marks)

l) Print Club24, Our Word, WSM, WSM2

(4 marks)