

Name.....

Index No.....

School.....

Candidate's Signature.....

Date

451/2

COMPUTER STUDIES

(PRACTICAL)

Paper 2

July/August 2010

2 ½ Hours

BOMET/CHEPALUNGU JOINT EVALUATION TEST - 2010

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

451/2

COMPUTER STUDIES

Paper 2

PRACTICAL

July/August 2010

2 ½ Hours

INSTRUCTIONS TO CANDIDATES

- Write your name and index number in the spaces provided above
- Sign and write date of examination in the spaces provided above
- Passwords should not be used while saving in the diskettes
- Answer ALL questions
- ALL questions carry equal marks
- All answers MUST be saved in your diskette
- Make a printout of the answers on the answer sheets provided
- Hand in all printouts and the diskette

1. The table below shows the names of students and marks scored in six subjects at EXCEL COLLEGE. Enter the data into a work sheet as shown (15mks)

EXCEL COLLEGE
TERM 3 MARK SHEET

Names	Maths	Biology	Chemistry	Physics	English	History	Total	Average
Victoria Omosa	67	76	40	20	55	45		
Rene Meza	76	42	45	50	75	78		
Rashid Omar	58	67	42	55	25	65		
Melissa Danielle	79	56	60	75	33	68		
Tony Jackson	87	40	64	62	25	84		
Gary Fredrick	80	67	75	44	66	67		
Shimon Shawn	61	65	65	45	78	71		

- a) Insert a blank row between the title and Term 3 mark sheet (2mks)
 - b) Calculate the total marks obtained by each student (7mks)
 - c) Calculate the average mark for each student (7mks)
 - d) Using a built in function, extract highest (maximum) mark and lowest (minimum) mark for each subject. (6mks)
 - e) Centre all headings (2mks)
 - f) Insert the name and marks for this student into the worksheet (2mks)
Joyce Ishanya ,Maths75 Chemistry 87,English 71,Biology 80,Physic 60 History 88
 - g) Move to an appropriate part of the worksheet and extract the highest total and Lowest total (2mks)
 - h) Create a pie chart from the above worksheet. Save it as A: chart 1 college Rep. (3mks)
 - i) Save the worksheet as A: EXCOLLEGE (2mks)
 - j) Print chart 1 College Rep, EXCOLLEGE (2mks)
2. Create a database file named STUDENTS to store the following data (20mks)

STUDENTS RECORDS

Adm. No.	First Name	Surname	Total fees	Paid	Balance
101	James	Michuki	25,000	20,000	
102	Omotio	Mose	50,000	50,000	
104	Irene	Mose	40,000	2,000	
209	Patni	Nagji	60,000	0	
106	Maria	Putin	60,000	40,000	
304	Moses	Waithaka	30,000	30,000	
76	Pauline	Nyanchoka	6,000	0	

- a) Using an appropriate formula, calculate the balance (7mks)
- b) A students status is considered to be good if his balance is zero, fair if the balance is equal to or less than half the full fee, bad if balance is more than half. Prepare a query for

- students whose status is good (8mks)
- c) Prepare another query for students whose status is fair and good (5mks)
 - d) Generate a report for students whose status is bad (5mks)
 - e) Save your queries as A: Quer1, A:Quer2 and A: Report 1. Print your work (5mks)