NAME ..... INDEX NUMBER .....

CANDIDATE SIGNATURE.....

DATE .....

451/2

PAPER 2

TIME: 2½ HRS

BUURI EAST STANDARDS

Kenya Certificate of Secondary Education

COMPUTER PAPER 2

2 ½ Hours

INSTRUCTIONS TO CANDIDATES

- Indicate your name and index number at the top right hand corner of the printout.
- Write your name and index number on the storage medium provided
- Write the name and version at the software used for each questions attempted in answer sheet.
- Passwords should not be used while saving in the storage medium
- Answer all questions
- All questions carry equal marks
- Answers must be saved in your storage medium
- Make a print out of the answers on the answer sheet provided
- Hand in all the printouts and storage medium.

Q1 . A census survey carried out in 5 counties about number of people with breast cancer is as shown in the table below.

The data is grouped as for both males and females.

	Male	Female.
Kiambu	17,500	16000
Meru	6500	3000
Makueni	9000	3000
Nyeri	12000	7000
Murang'a	3000	2800

(a) Represent the information given on a spreadsheet and save work book as census. (6 mks).

(b) Rename worksheet as survey -1 and copy content to survey -2. (2 mks).

(c) (i) Compute the total number of victims in each county and hence all counties. (4 mks).

(ii) Compute the total number for different sex in all counties. (4 mks).

(d) Predict the possible number of victims in each counties for the next 2 years if a trend shows.

That male victims decrease by 17%.

That female victims decrease by 16%. (8 mks).

(e) Copy value in survey -2 to survey -3 and format as follows.

- Font size 14.
- Title with grey shade 38%.
- Cell borded with weight 2.5 pts.
- Data sorted in descending order of total victims. (5 mks).

(f) Extract the values for the total victims against the counties and insert in survey -4. (2 mks).

(g) Use the data in survey -4 to represent the information on a pre- chart, showing relevant information and is a different worksheet chart -1. (10 mks).

(h) Format each worksheet as follows.

- Header your name, index no.
- Footer centre name, code left and
- Data right
- Page setup A4, margin 0.5 each. (5 mks).

(i) Print – survey -3 landscape. (2 mks).
Chart -1 portrait. (2 mks).

Q2. A certain ranch keep a database for all the activities carried out known as Chaka ranch. Among the data kept are employee details and financial related details for each employee.

- Surname. - Gender -Employee account
- First name. - Age number
- Date of employment. -Employee basic salary
- Employee medical allowances -Employee water bill
- Employee electricity bill -Employee total allowance
- Not pay -Total deduction

Below in are details of the Ranche

Employee Registration No.	Employee Account No	Surname	Firstname	Last Name	Date of Employment	Basic salary	Sex	Employee Electricity Bill	Employee Water Bill
RE-215 RE-014 RE-204 RE-207 RE-200	1445 16001 7421 8331 5320	DICK KEN MERCY ANANU A GAB	JOE MARTIN ANN ADANS SANCHEZ		7TH APRIL, 1991 9TH AUGUST, 2001 11TH JAN, 1992 25TH OCT, 1992 25TH NOV, 1990	40,000 35,000 23,850 60,000 17,850	M M F F F	2,500 1,350 2,780 2,700 1,450	890 760 900 380 900

a) Design a database to keep the records shown (26 mks)
b) Set the first appropriate primary key(s) (1 mk)
c) Design form(s) and use them to enter data in the tables (7 mks)
d) Design the following queries that will:-
   (s) Sort males only
   (ss) Sort employee with basic salary greater that 15,000 (6mks)
e) Design a report that will show:-
   -Employee Registration number

-Employee Basic salary

-Employee Account number

-Employee Total deduction

-Employee Net pay (6 mks)

g) Print the output from report designed above (4 mks)