

451/2  
COMPUTER STUDIES  
PAPER 2  
PRACTICAL  
JUNE-2022  
TIME 2 ½ HOURS.



# CEKENAS END OF TERM ONE EXAM-2022

## FORM FOUR EXAM

Kenya Certificate of Secondary Education (K.C.S.E)  
COMPUTER STUDIES  
PAPER 2  
PRACTICAL

### INSTRUCTIONS TO CANDIDATES

- ❖ Type your name and index number at the top hand corner of each printout.
- ❖ Write your name and index number of the CD-RW
- ❖ Write the name and version of the software used for each question attempted in the answer sheet
- ❖ Passwords **should not be** used while saving the CDs
- ❖ Answer **all** questions
- ❖ All questions carry equal marks
- ❖ All answers must be saved in your CD
- ❖ Make printouts of the answers on the answer sheets provided
- ❖ Hand in all the **printouts** and the **CDs**
- ❖ Arrange your printouts and stable them together
- ❖ Candidates may be penalized for not following instructions given in this paper

### FOR EXAMINERS USE ONLY

QUESTION	MAX. MARKS	CANDIDATE' S SCORE
1	50	
2	50	
TOTAL SCORE		

1. a) Using a word processor type the passage below as it appears and save it as **Society**. (40 marks)

### ROLES OF PARENTS IN THE SOCIETY

Society has failed and parents have not played their role fully in raising their children. This is according to Jeff Ngari, a counseling psychologist and a deacon with the Reformed Catholic Church. Jeff says the issue of teenage mothers is so big that it should be considered a cry for help. He adds that today's children, lack the guidance they require when it comes to having independent social interactions.

"The idea is not to block them from forming their own relationships, but to make them understand what it means to be in a relationship, especially with the opposite sex, and how far this relationship should go," says Jeff.

And just like the rest of society, parents have not been spared by the wave of moral decay and thus, according to Jeff, they have failed as role models for their children. Due to this, many teenagers are picking up social ills from their parents-the very people they are supposed to look up to.

"For instance, a teenager who has seen his or her mother repeatedly sleep out or come home in the wee hours of the morning will most likely be excited about staying out late out of curiosity," he says, adding, "this is happening to most of our homes today."

Jeff says many parents are engaging carelessly in extra-marital relationships that leave very little to the imagination of their

PRE-MARITAL AND EXTRA  
MARITAL SEX IS DANGEROUS

thing by children, especially teenagers.

As a result, there are many avenues through which teenagers can explore the issue of sex and the greatest worry that girls need to be rescued

children, and this is likely to be seen as a normal

Most teenage mothers experience rejection and wider community, including the church. “No wonder these girls abandon their babies either in toilets or litter bins. The effects of rejection can be fatal-worst thing anybody can suffer. It kills from within. That is why teenage motherhood is a cry for help and family support is very important, as the result is children giving birth to, and trying to raise babies.”



“In the course of my career, I have met mature women who tell me they had abortions when they were very young and they still feel guilty decades later. Some even go to the extent of saying, ‘My first-born would be this or that age.’ It is very painful.”

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In Kenya, four in every 10 women who die from unsafe abortion are adolescents; 70% of adolescents engage in high-risk unprotected sex. This is according to a research paper presented by Dr. Richard O. Muga of the National Co-ordinating Agency for Population and Development, Nairobi-Kenya, 2006.

The alarming figures are why Margaret Muyanga, a counseling psychologist, says open communication between teenagers and parents can be very instrumental in curbing any post-pregnancy abortion or even worse, suicidal tendencies.

- b) Copy the Society to a new document and save it as **Society 2** (2marks)
- c) Change the paragraph starting with “**For instance.....**” to bold italic (2 marks)
- d) Look for the word **alarming** and replace it with the word **surprising** (3marks)
- e) Using the word count feature count the number of characters with spaces in the passage (2marks)
- f) Insert alphabetical capital letter page numbers at the top left side of the document Society 2 and update all the changes. (2 marks)
- g) Print the two documents Society and Society 2 (2 marks)

2. The tables below, **STUDENT**, **SUPERVISOR** and **SUPERVISIONS** are extracts of records kept in MOKASA UNIVERSITY for project supervisions.

Student Number	Name	Gender	Project Fee Paid
C001	Ken	M	32000
C002	Joy	F	27800
C003	Lero	M	18900
C004	Moth	F	42700
C005	Ben	M	45000

**Table 1 STUDENTS TABLE**

Supervisor Number	Name	Department
L220	Alex	Mechanical
L230	Sakaja	ICT
L240	Roy	Electronics
L250	Mati	Education
L260	Joy	Human Resource

**Table 2 SUPERVISOR S' TABLE**

<b>Supervision Number</b>	<b>Supervision Date</b>	<b>Student Number</b>	<b>Supervisor Number</b>	<b>Project Title</b>
100	12/03/2015	C001	L220	Java
200	22/03/2015	C003	L230	Website
300	17/03/2015	C004	L240	Robotics
400	02/03/2015	C001	L220	Java
500	18/03/2015	C002	L240	Robotics
600	12/03/2015	C004	L230	Java
700	11/03/2015	C002	L250	Database
800	12/03/2015	C003	L220	Java
900	12/04/2015	C005	L250	Database
1100	12/04/2015	C002	L250	Database

**Table 3 SUPERVISIONS TABLE**

- a) Using a database application software, create a database file named **PROJECT** (1mark)
- b) Create three tables named **STUDENT**, **SUPERVISOR** and **SUPERVISIONS** as shown above. (9mks)
- c) Set the primary key for each table. (3mks)
- d) Create relationships among the tables. (3mks)
- e) Enter the data in the table **STUDENT**, **SUPERVISOR** and **SUPERVISIONS** as shown above. (10mks)

- f) Create a form for each table above. (3mks)
- g) Create a query named **BALANCE** to display student name, Gender, project fee balance per student, given that the total project fee is **Ksh.50000**. (4mks)
- h) Create a query named **BALANCE2** to display students' Names, project title whose fee balance is above **Ksh.20000**. (5mks)
- i) Create a report named SUPERVISION to display Students Names, Project Title, names of supervisor, and supervision Dates. The records in the report should be grouped by students' Name and the number of supervisions by each student should be displayed. (5mks)
- j) Title the report as supervision per lecturer. (2mks)
- k) Print the following:
- **Tables:** STUDENT, SUPERVISOR and SUPERVISIONS (2mks)
  - **Queries:** BALANCE and BALANCE2 (2mks)
  - **REPORT:** SUPERVISIONS (1mk)

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