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Class	Index No	
	Date	

Signature

KAPSABET HIGH SCHOOL

451/1 COMPUTER STUDIES Paper 2 (Practical) November 2020 2½ hours.

School Examination.

Mock Exams

COMPUTER STUDIES

Paper 2

(Practical)

November 2020

2½ hours.

INSTRUCTIONS TO CANDIDATES:

- If not instructed in the question on where to Typeyour name and index number, you must then type them at the top right hand corner of each printout
- 2J Writeyour name and index number on the CD
- 3) Write the name and version of the software used for each question attempted in the answer sheet.
- 4J Answer all the questions.
- SJ All questions carry equal marks
- 6) Passwords **Shouldnot be used** while saving in the CD
- 7J All answers **must** be saved on your CD
- BJ Make a print out of the answers on the answer sheetsprovided
- 9J Arrangeyour printouts and tie/staple them together
- 10) Hand in all Printouts and the CD.



This paper consists of 8 printed pages Candidates should check the question paper to ensure that all the printed pages are printed as indicated and no questions are missing.

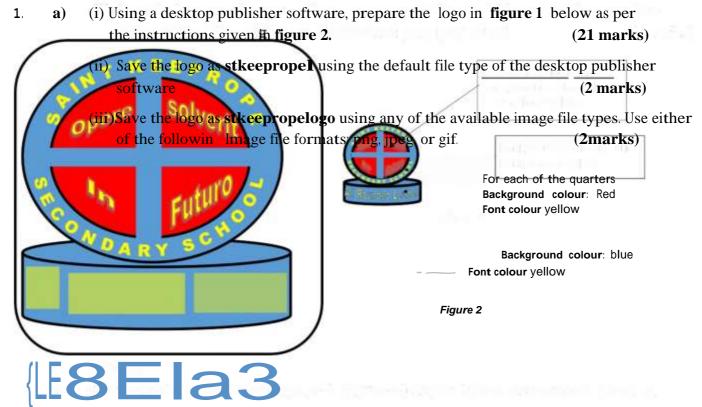
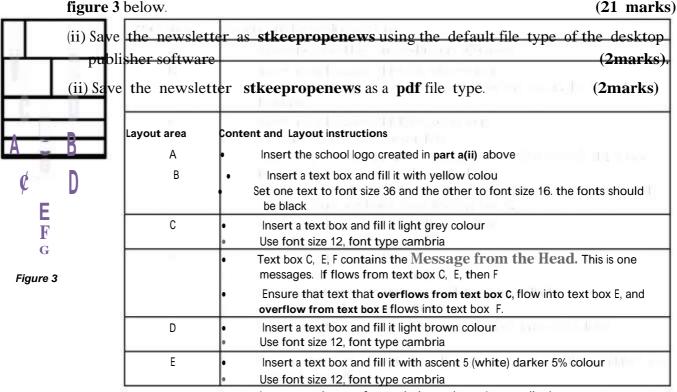


figure 1

b) (i) Prepare the news letter on **page 3** (**figure 4**) as per layout instructions given in



- Insert any picture of your choice and crop it accordingly
 - Format the textbox into 2 columns
- Insert a text box and fill it with ascent 5 (white) darker 5% colour



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Message from the Head

Dear Parents and Guardians.

Welcome back to the Covid 19 term! I hope the Pandemic break allowed you to unwind and relax, providing

Important events

1.October 100 :C

:Covid-19 protocols Orientation

2.October 150

:Visit from the Education Office

3.October 30m

:New School Chapel Dedication

4.November 10th

:Mid term exams

5.December 10th

:Pre-Mock exams

opportunities for family time. This week we kicked off with Earth day activities, a studented initiative to celebrate Earth Day and educate students about sustainables, our world and the impact humans have. I would like to thank Jade and the D1 students who led and delivered this initiative.

I would like to alert you to a PTA initiative to host a free E-safety workshop called "ONiine and ME" for students and parents. The workshop will be led by presenters from the Parent Zone, a UK company dedicated to family internet safety; for more details, please click this link https://parentzone.org.uk/home. The parent event will take place on Monday 19t October at 4.30pm and last approximately 1 hour; it is open to all parents. The student experiences will take place on Tuesday 2O October during the school day.

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Finally I would like to remind you that October 2**O** is a National Holiday and therefore the school will be shut. I wish you a wonderful weekend.

Best wishes

Figure 4



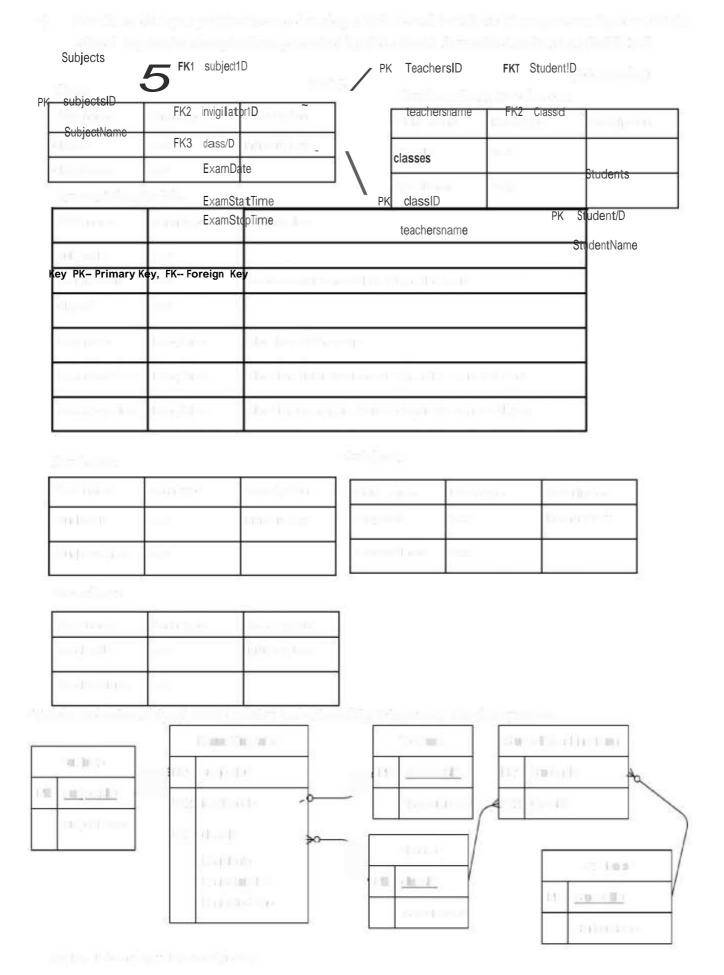
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- 2. A systems designer has come up with an exams invigilation system design for **Saint Keeprope Secondary School** as indicated below.
- a) Use these design specification to develop a Relational Database Management System for the school Key in the **sample data** provided by the school. **Save** the database as **SKSSEMS**.

Class		Table	es Stude	ntClassEnrol	(46 Marks)
Field name	Data type	Description	Field na	ne Data typ	pe Description
ClassID	text	Primary key	ClassID	text	
ClassName	text		Q1 N		
ExamsTime	Table		ClassNa	me text	
Field name	Data type	Description			
SubjectID	text				
InvigilatorID	text	ld of teacher who	will invigilate the	e exam	
ClassID	text				
ExamDate	Date/time	The date of the ex	kam		
ExamStartTime	Date/time	The time (IN AM/PM	1 Format), when th	e exam will start	
ExamStopTime	Date/Time	The time(in am/p	om format) when	the exam will sto	р
Students		9	Subjects		
Field name	Data type	Description	Field name	Data type	Description
StudentID key	text	Primary	SubjectID	text	Primary Key
			SubjectName	text	
StudentName	text				
Teachers					
Field name	Data type	Description			
TeacherID	text	Primary Key			
TeacherName	text				

$\label{thm:constraints} \textbf{Table Relationship Diagram) for the system} \\$

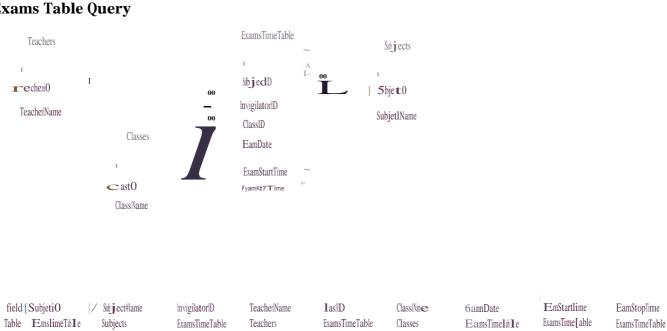
ExamsTimetable Teachers StudentClassEnrolment





Query Design

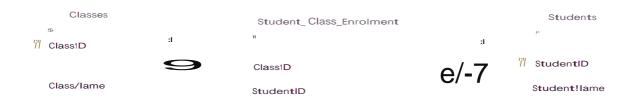
Exams Table Query

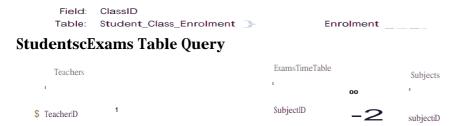


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- A calculated field shall be used to determine the duration of an exam by comparing the ex• am's start and stop times
- The exams start time shall be used to determine if the exam session is morning of afternoon

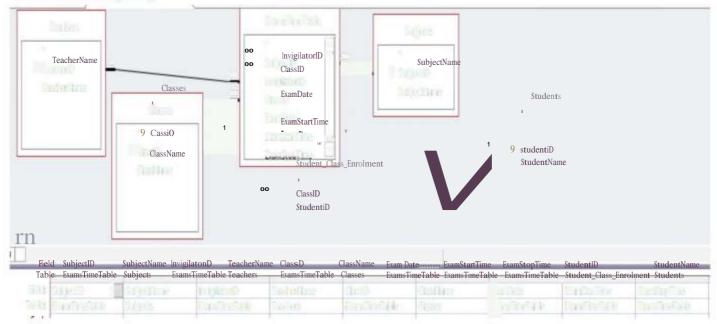
Students Class enrolment Query



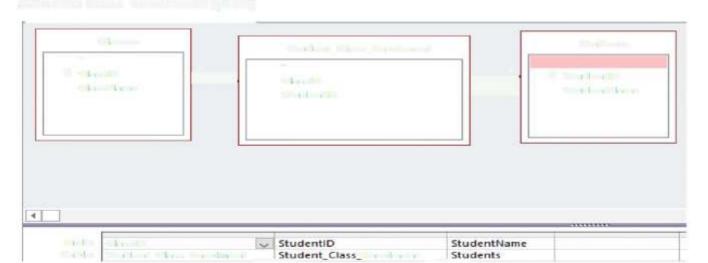


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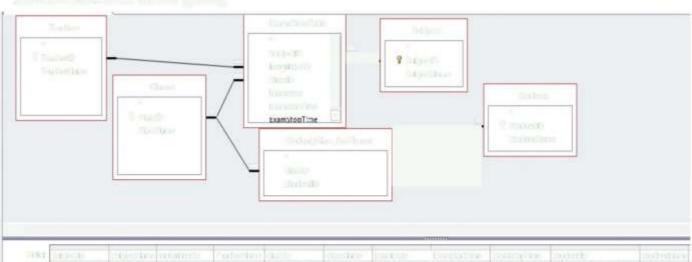
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- Site pages about time alicit is most to determine if the most extrint is mosting at effection



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Reports

Exam Time Table(This shall be based on the exam time table query)

Exams Tme Tab.e							
Exam Date	Session	Class	Subject	Start	Stop	Duration	Invigilator
Monday, 22 March 2021							
	Morning						
		FORM 1	MATHEMATICS	08:00am	09:30 am	1:30	MRS.
		FORM 2	COMPUTER STUDIES	08O0 am	10:00am	2:00	MS. SIXITA
		FORM4	COMPUTER STUDIES	08 O 0 am	10:30 am	2.30	MS. TUMBILI
	Afternoon						
		FORM 1	ENGLISH	02:00pm	04:30 pm	2:30	MS. TUMBILI
		FORM2	ENGLISH	02:00 pm	04.00 pm	200	MRS. MAKUM
Tuesday 23 March 2021			Marchall Saliton	<u>ii (), mu () (</u>	3.0		
	Morning						
		FORM 1	KISWAHILI	08:00am	10:45 am	2:45	MR. MATATU
		FORM 2	KISWAHILI	08:00am	10:30 am	2.30	MRS. ENANE
		FORM 3	COMPUTER STUDIES	08 O 0 am	10:30am	2.30	MS. TUMBILI
	Afternoon	24	miles diam	Seglious?		City Control	Describer
105,120000		FORM 1	COMPUTER STUDIES	02:00pm	04:15 pm	2.15	MR. KETANO
		FORM 2	MATHEMATICS	02:10 pm	04:00 pm	1:50	MRS.

Invigilators Exam Time Table Report (This shall be based on the exam time table

Exams Til	me Table						
		Session	Class	Subject	Start S	top	Duration
MR. KETANO							
	Tuesday, 23 March 2021	Afternoon	FORM 1	COMPUTER STUDIES	02:00 pm	04:15 pm	2.15
	Wednesday, 24 March 2021	Morning	FORM3	ENGLISH	08:00 am	10:20am	2:20
	Thursday, 25 March 2021	Afternoon	FORM4	MATHEMATICS	02:00 pm	04:30 pm	2:30
MR.MATATU							
	Tuesday, 23 March 2021	Morning	FORM 1	KISWAHILI	-08:00 am	10:45 am	2:45
	Wednesday, 24 March 2021		FORM4	ENGLISH	08:00 am	10:15 am	2.15
MRS. ENANE		16.00			Sterion		
	Tuesday, 23 March 2021	Morning	FORM2	KISWAHILI	08:00 am	10:30 am	2:30
	Friday, 26 March 2021		FORM4	KISWAHILI	08:00 am	10:00am	2:00

Class Exam Time Table(This shall be based on the exam time table query)

Exam	s Time Table				
FORM I	Exam Date	Session Class	Subject	Start Stop Duration	Invigilator
	Monday, 22 March 2021	Morning	MATHEMATICS	08:00 am 09:30 am 1:30	MRS. MAKUMI
	Tuesday, 23 March 2021	Morning	KISWAHILI	08:00 am 10:45 am 2:45	MR. MATATU
	Monday, 22 March 2021	Afternoon	ENGLISH	02:00 pm 04:30 pm 2:30	MS. TUMBILI
	Tuesday, 23 March 2021	Afternoon	COMPUTER STUDIES	02:00pm 04:15 pm 2:15	MR. KETANO
FORM2					
	Monday, 22 March 2021	Morning	COMPUTER STUDIES	08:00am 10:00 am 2:00	MS. SIXITA
-7117-0	Tuesday, 23 March 2021	Morning	KISWAHILI	08:00 am 10:30 am 2:30	MRS. ENANE
	Monday, 22 March 2021	Afternoon	ENGLISH	02:00 pm 04:00 pm 2:00	MRS. MAKUMI
	Tuesday, 23 March 2021	Afternoon	MATHEMATICS	02:10 pm 04:00 pm 1:50	MRS. MAKUMI

Class Exam Time Table(This shall be based on the student exam time table query)

tudent ID Name T9 NINE TISA	Exam Date	Session	Class	Subject	Start	Stop	Duration	Invigilator
T9 NINE TISA								
	Tuesday, 23 March 2021	Morning	FORM3	COMPUTER STUDIES	08:00 am	10:30 am	2:30	MS. TUMBILI
	Friday, 26 March 2021	Morning	FORM3	KISWAHILI	08:00 am	10:00 am	2:00	MS. SIXITA
	Wednesday, 24 March 2021	Afternoon	FORM 3	MATHEMATICS	02:00pm	04:30 pm	2:30	MS. SIXITA
	Wednesday, 24 March 2021	Morning	FORM3	ENGLISH	08:00 am	10:20 am	2:20	MR.KETANO



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INPUT SCREEN DESIGN (FORMS)

Exit System

Name

Name

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MRS. MAK(MI

Main Menu Classes

SAINT KEEPROPE SECONDARY SCHOOL EXAM INVIGILATION MANAGEMENT SYSTEM

Prepare Exam Time
Table

Overall Exams TimeTable
Invigilators Exams
TimeTable Class Exam
TimeTable Students Exam
Timetable

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Students Mbjects

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First Record Next Record Previous Record last Record Close

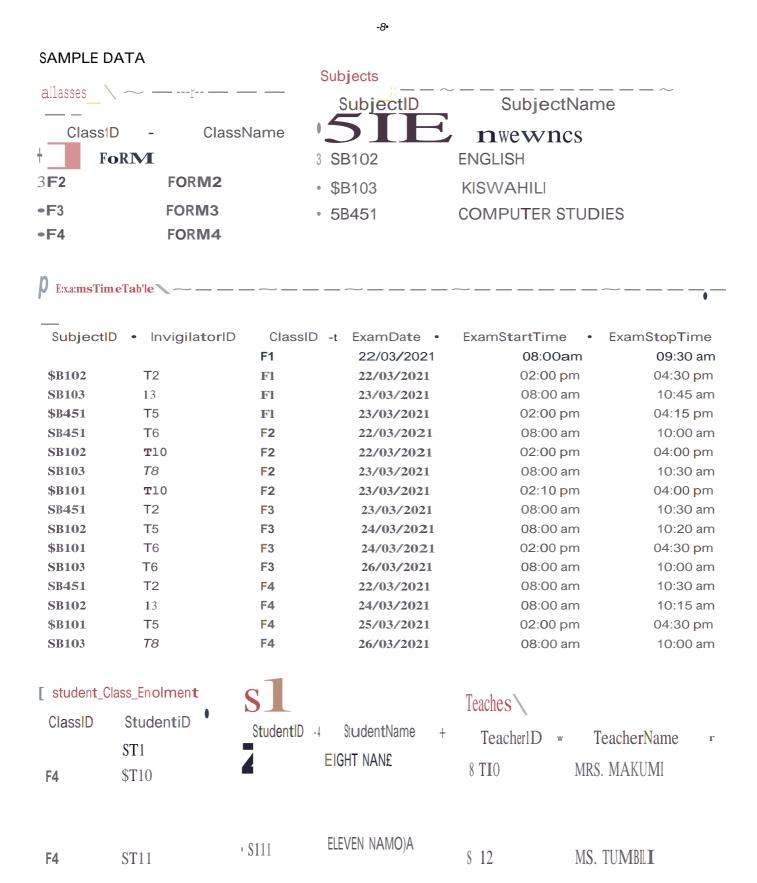
Name

MATHEMATICS

Students Classes Enrolment







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FI FI	\$T2 \$T3	• \$14 • \$179	FOUR NNE NINE TISA	T5 8 T6	MR. KETANO MS. SIXTA
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Selection of	\$14	-517	SEVEN S4BA	8 T8	MRS. ENANE
SB101	ST5T10	• 5\$T6	SIX SITA		
-2	ST6	• 5\$110	TEN KUMI		Man Million
3	ST7	• 513	THREE TATU		
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