

THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL
CERTIFICATE OF SECONDARY EDUCATION EXAMINATION

036/2

INFORMATION AND COMPUTER STUDIES 2
(PRACTICAL)

(For Both School and Private Candidates)

Time: 3 Hours

Wednesday, 20th November 2013 a.m.

Instructions

1. This paper consists of **three (3)** questions.
2. Answer any **two (2)** questions.
3. Each question carries **twenty five (25)** marks.
4. Save your work on the desktop in the folder named by your examination number. **You are not allowed** to save your work by using your name or school name.
5. Submit printed **hardcopy** together with the **softcopy** of your work(s).
6. Check whether the **printed** work(s) are similar to the **softcopy** saved in the folder.
7. Calculators and Cellular phones are **not** allowed in the examination room.
8. Type your **Examination Number** on every page of your softcopy work(s).



4. The worksheet below shows a spreadsheet for Form Four students' performance at Kanda Secondary school. Perform the necessary formatting and calculations as directed.

	A	B	C	D	E	F	G	H	I	J
1		THE UNITED REPUBLIC OF TANZANIA								
2		KARAIU REGION MOCK EXAMINATION								
3		KANDAWE SECONDARY SCHOOL								
4	S/N	STUDENTS NAME	PHYSICS	CHEMISTRY	MATHEMATICS	COMPUTER	BIOLOGY	TOTAL	AVERAGE	REMARK
5	1	Neema Galani	45	50	75	38	46			
6	2	Mabula Madibu	67	48	58	78	90			
7	3	John Simon	35	41	53	36	45			
8	4	Regina Nsola	18	21	20	41	26			
9	5	Marko Kijiko	20	56	36	42	76			
10	6	Didi Gulai	80	71	96	50	60			
11		AVERAGE								

- Create the spreadsheet as shown above.
- Adjust the column width for all columns to 5 except the columns for names and remarks which should be adjusted to 12.
- Enter the formulae required and calculate the following:
 - Average for each subject (round off the average to one decimal place).
 - Average for each student (round off the average to one decimal place).
- Using the grading system given, give a formula in cells that can be used to assign grades to all subjects for all students, the grading system is

• Between 75 and 100	A	• Between 45 and 54	D
• Between 65 and 74	B	• Between 35 and 44	E
• Between 55 and 64	C	• Below 35	F
 - Create a worksheet which contains the heading, SN, First name, last name, Grades and remarks for all form four students.

Note: Do not enter the entries manually except S/No, Names and marks provided.

- (c) In the remark cells enter the formula for computing remarks according to the following criteria:
If the candidate's average is greater than 60, the remark is "Good"; if the average is greater than 40, the remark is "Average"; otherwise the remark is "Poor".
- (d) Print your worksheet.

2. (a) Create a database named NKAMBA STORE which includes two tables named SUPPLIER and GOODS; make sure that you insert a proper data type on each field of the table. Details for each table must be as shown in the tables below:

Supplier Table:

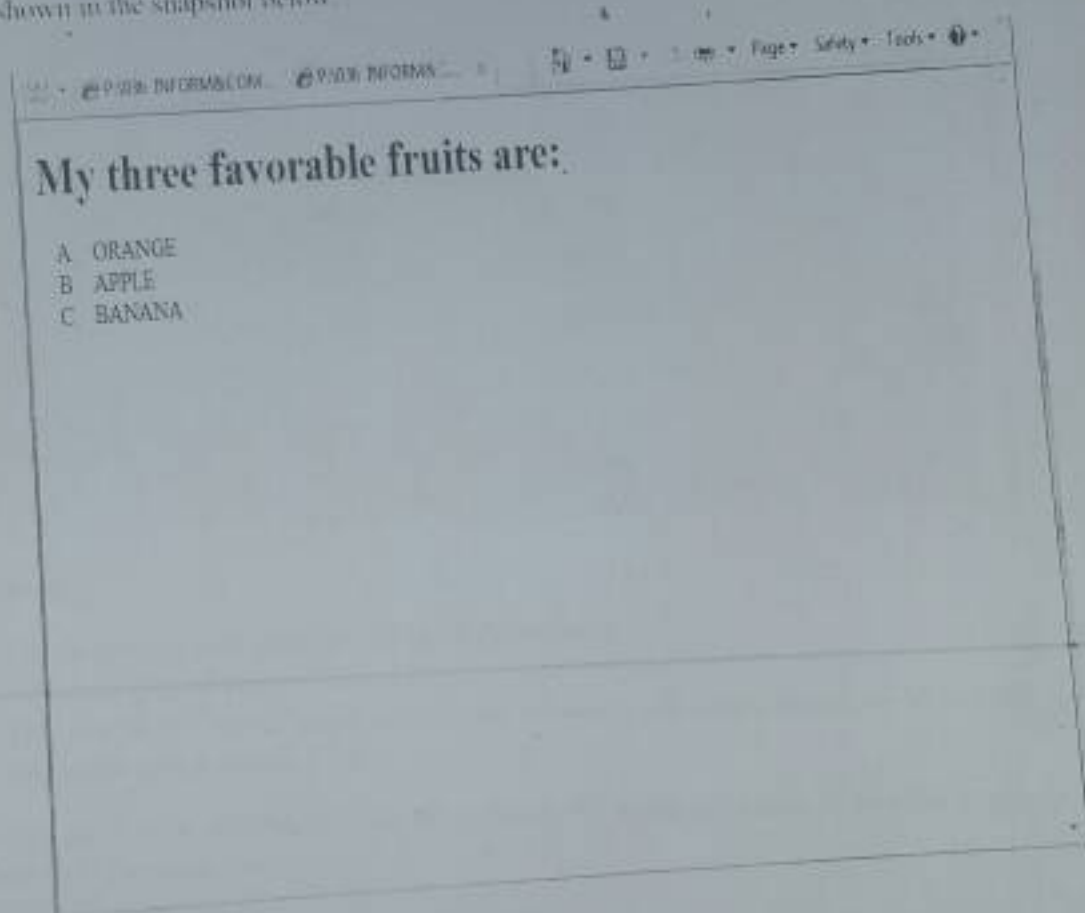
Suppliers ID.	Company Name	Contact Address	Town
1	Jimmy and Sons	Box 1011	Morogoro
2	Mwanza LTD.	Box 1718	Mwanza
3	Zanzibar CO.	Box 78	Zanzibar
4	Musoma Traders	Box 256	Musoma
5	Tandale Suppliers	Box 786	DSM
6	Hamis whole Saler	Box 8004	Mwanza
7	Kijichi Group CO.	Box 2434	Kilosa

Goods Table:

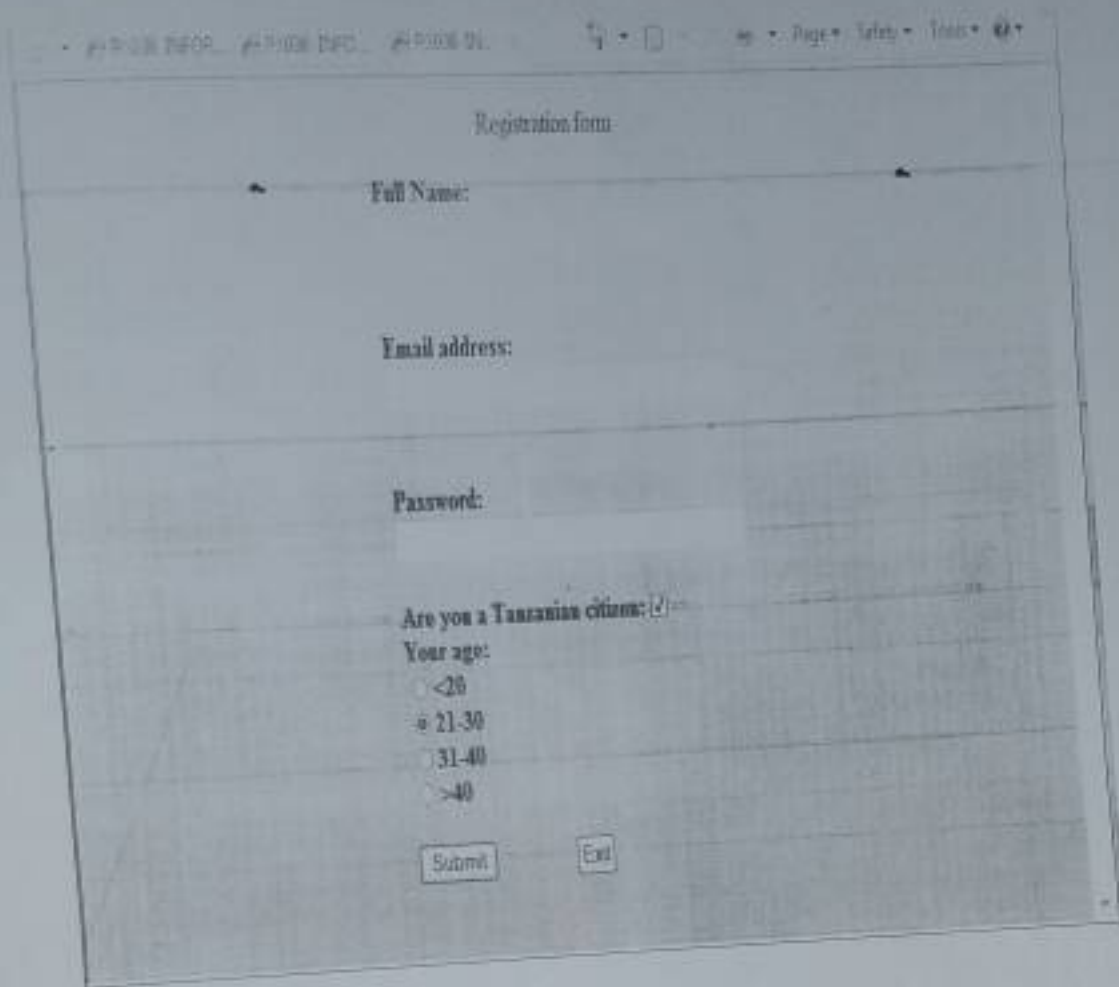
Good's ID.	Good's Name	Units in Stock	Supplier's ID
1	Maize	360	1
2	Rice	180	2
3	Beans	50	3
4	Beans	220	4
5	Fruits	40	5
6	Home Theater	60	6
7	Rice	120	7

- (b) Create a relationship between the two tables; consider the supplier ID as a primary key.
- (c) Prepare a form for each table with all records, named as Supplier form and Goods form.
- (d) Create a query to display supplier's ID, Contact Address and Town. Set criteria to display only suppliers from Mwanza and save it as first query.

- (a) Create a query that displays supplier's ID, Company's Name, Good's Name, Unit in stock and Town, for suppliers whose stock units is greater than 100, and save it as second query.
- (f) Create Supplier report that display the supplier table, and save it as Supplier report.
- (g) Copy and paste in Microsoft office word, the supplier table created in part (a). Save it as Supplier work.
- (h) Print your work(s).
3. (a) Create a HTML document giving details of three favorable fruits in a list of letters as shown in the snapshot below:



(b) Write basic HTML codes to display the webpage below



The screenshot shows a web browser window with a registration form. The browser's address bar and menu bar are visible at the top. The form itself is titled "Registration form" and contains several input fields and a list of radio buttons. The fields are for "Full Name:", "Email address:", and "Password:". Below the password field, there is a question "Are you a Tanzanian citizen: (2)" followed by a "Your age:" label and four radio button options: "<20", "21-30", "31-40", and ">40". At the bottom of the form, there are two buttons labeled "Submit" and "Exit".

Guidelines

- The heading of your page should be "Registration form".
 - Set a background color as "cococo".
 - The size of full name, email address and password text boxes should be 40 and its maximum length should be 80.
- (c) Copy and paste in Microsoft office PowerPoint, the webpage created in part (b) above. Save as Webpage presentation.
- (d) Print your document.