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

036/2 **INFORMATION AND COMPUTER STUDIES 2**
(PRACTICAL)
(For School Candidates Only)

Time: 3 Hours **Wednesday, 19th November 2014 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. Save your work by using the 1997-2003 version of the MS Office software you are using.
6. Submit printed **hardcopy** together with the **softcopy** of your work(s).
7. Check whether the **printed** work(s) are similar to the **softcopy** saved in the folder.
8. Cellular phones are **not** allowed in the examination room.
9. Type your **Examination Number** on every page of your softcopy work(s).

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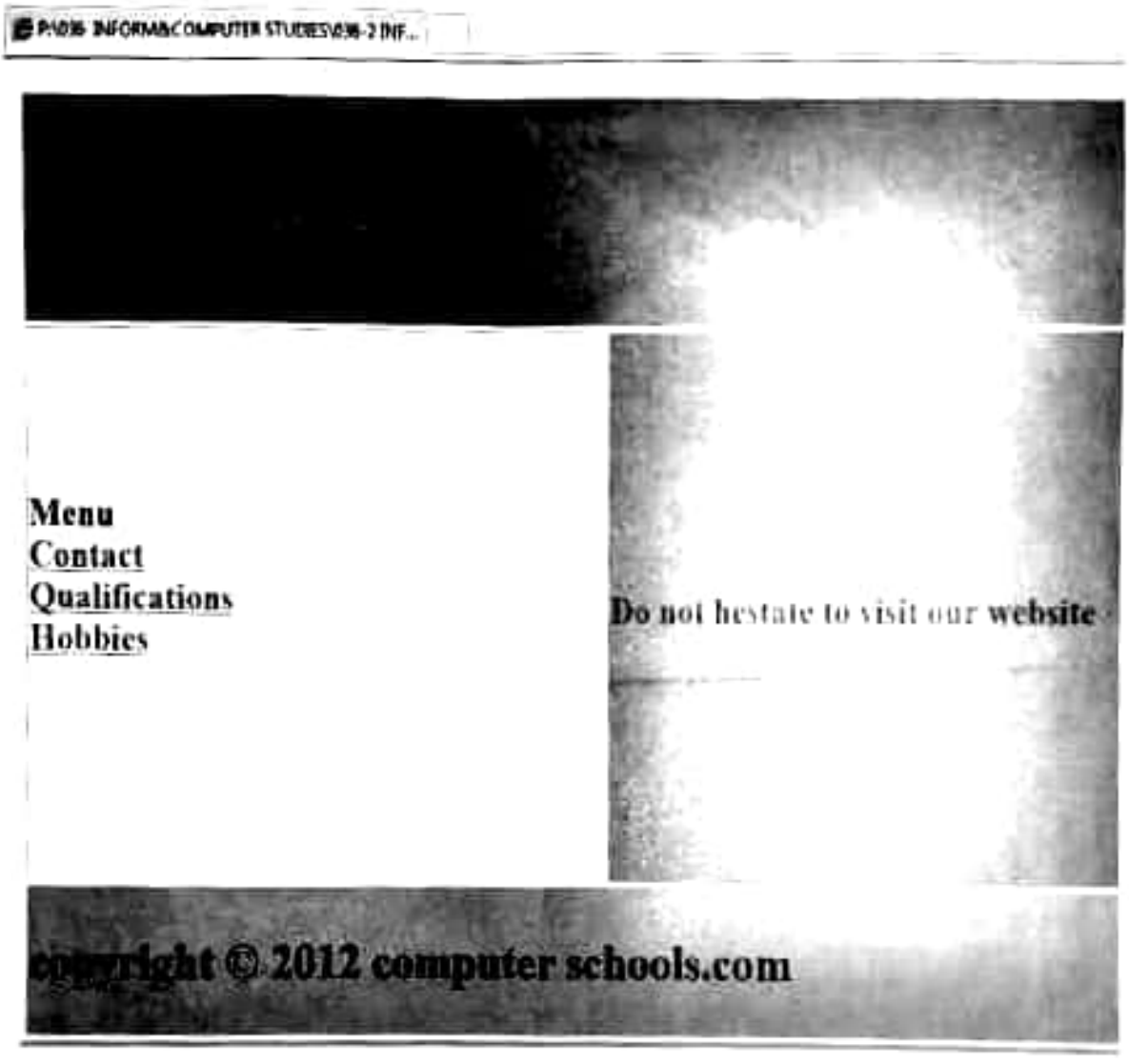
1. (a) Using the basic HTML code, design a four pages website which consists of Home page, Contact page, Qualification page and hobbies page. The description of each page is given.

- The home page has to be as the page shown below:



Description of the home page

- Table width and height are 1400 and 600 respectively with column span of two.
- The size of the heading "Welcome to my page" is level one.
- Set #808000 as the background color of the word welcome to my page.
- The background of the menu and links is #808080 with 100px width.
- Set #808080 as the background color of the word "do not hesitate to visit our web page", with height and width 200px and 400px respectively.
- The background color of the word copyright© computer schools.com should be #999966.

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Description of the contact page

- The heading should be "contact me" with level one.
- Set the background color as "wheat".
- Add your exam number, year and Nation in a list form of your choice.

Description of the qualification page

- The heading should be "my qualification" with level one.
- Set the background color as "silver".
- Write a "Website designer" as your qualification.
- Create a link to homepage and name it back home.

Description of hobbies page

- The heading with level one should be "my hobbies".
- Set the background color as "silver".
- Add your best three hobbies in a list form of your choice.

(b) Create link of all other pages in the home page; name each link according to the page name.

(c) Design links in such a way that when the customers open a contact or hobbies page on the website they can go back to the home page and also can view your qualifications. Name the links as "click here to go back" and "view my qualifications" respectively.

2. In the year 2011, Tanzania exported the following goods with their respective amounts in tones:
Cocoa-1040; Cotton-5000; Pineaple-2000; Flowers-325; Golds-10000; Silver-1580; Fish-9000; Beans-200; Sunflower-1680; Wheat-1200.

(a) Using a spreadsheet program, tabulate the above information in a suitable form. Serial number should be in column B.

(b) Put "THE UNITED REPUBLIC OF TANZANIA, TANZANIA EXPORTED GOODS IN 2011" as a **header** of your document (Bold and align heading at center in merged cells).

(c) Insert Row/Column (depending on the format of your table) and name it **%EXP**.

(d) Calculate by using a formula and show in your table, the **Total Export** figure for Tanzania in Tones.

(e) Obtain the percentage contribution of each export to the Total Export of Tanzania in 2011, (round off to two decimal places).

(f) Insert a column and name it REMARKS, use a function formula to indicate low/high percentages. If the percentage is less than five, the remark is "Low" otherwise the remark is "high"

(g) Create a two dimensional pie chart with labeled data, using the data you have just obtained in the worksheet. Save it as "Goods 2011".

(h) Using the data you have just obtained in the worksheet, create a bar chart called **"%EXP"** with goods names in the horizontal axis and Percentages in the vertical axis.

(i) Copy and paste in Microsoft office PowerPoint, the bar chart created in part (h) above. Save as Bar chart presentation.

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(j) Save your work as Exports.
(k) Add your Examination number as footer and print your work.

3. The table below shows records of a Region Health Center in terms of: Registration Number of the Patients, name of the patient, sex, Date Admitted, Ward allocated and Diagnosis results of the Patient.

PATIENTS RECORD						
ID	REGISTRATION NUMBER	PATIENT NAME	SEX	DATE IN	DIAGNOSIS	WARD
1	R001	Nan Juma	F	2 Feb 2012	Malaria	2A
2	R002	Juli Joac	F	2 Feb 2012	HIV	5B
3	R003	Majula Mil	M	2 March 2012	pneumonia	4C
4	R004	Masos Koi	M	2 Feb 2012	TB	4C
5	R005	Lil kit	F	2 Feb 2012	HIV	2A
6	R006	Mik FF	F	14 Jun 2012	Malaria	2A
7	R007	Mgashe Pe	M	3 Mar 2012	Malaria	2B
8	R008	Nola Sheila	F	28 Feb 2012	HIV	2A
9	R009	Mibagasa	M	13 May 2012	Malaria	5B

(a) Using Microsoft Access database management system (Microsoft office access), Create a database called "PATIENT DATABASE". Within a database create a table called "Patients Record" with the same fields as the table above, use the appropriate data type for each field.
(b) Create a query for M (Male) patients who were allocated WARD 4C. Save it as "Male 4C"
(c) Create a report showing F (FEMALE) patients who were diagnosed with HIV and allocated WARD 2A. Save it as "Female HIV".
(d) Create a form which shows Male patients who were allocated WARD 5B. Save it as "Mmales".
(e) Copy and paste in Microsoft office word, the form created in part (d) above. Save as Mmales word.
(f) Save your work as "Patients" and print.

unatia Sex = 'male'

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