



NATIONAL SCHOOL OF BUSINESS MANAGEMENT

BSc. In Management Information Systems (Special) – 20.2

BSc. (Honours) in software Engineering – 20.2

BSc. (Honours) in Computer Science – 20.2

BSc. (Honours) in Computer Networks – 20.2

Bachelor of Information Technology (VU) – 20.2

Year 01 Semester 02 Examination

08 July 2021

SE102.3 – Web Application Development

Instructions to Candidates

- 1) **Answer ALL questions.**
- 2) **No Editors can be used, and the Answers should be Type Written.**
- 3) Time allocated for the examination is three (03) hours and 30 minutes (Including downloading and uploading time)
- 4) Weightage of Examination: 60% out of final grade
- 5) Download the paper, provide answers to the selected questions in a word document.
- 6) Please upload the document with answers (Answer Script) to the submission link before the submission link expires
- 7) Answer script should be uploaded in PDF Format
- 8) Under any circumstances E-mail submissions would not be taken into consideration for marking. Incomplete attempt would be counted as a MISSED ATTEMPT.
- 9) The Naming convention of the answer script – Module Code_Subject name_Index No
- 10) You must adhere to the online examination guidelines when submitting the answer script to N-Learn.
- 11) Your answers will be subjected to Turnitin similarity check, hence, direct copying and pasting from internet sources, friend's answers etc. will be penalized.

1.

- a. Create the form and include the following options and if the form is successful, it should be forwarded to “2.php” page and no need of creating the second page

Registration Form

First Name	<input type="text"/>
Last Name	<input type="text"/>
Mobile Number	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Email	<input type="text"/>
Favourite Music	<input type="checkbox"/> POP <input type="checkbox"/> Rock <input type="checkbox"/> Other
Additional Details	<div></div>
<input type="checkbox"/> I agree to the terms and conditions	
<input type="button" value="Submit"/>	<input type="button" value="Reset"/>

- b. Write JavaScript coding to change document's foreground color to Blue when a mouse clicked on a button and change the background color to Green for **double click** on the button. (Use necessary HTML tags only).
- c. Validate the Above Login page using JavaScript ? with following Validations
- Last Name and Mobile number field is important field.
 - Mobile number should be 10 digits
 - Gender and Terms and conditions checkbox should be selected

(30 Marks)

2.

- a. Create the following output using HTML and External CSS only.
- b. Use the Inline CSS to change the colors of these components.

H1 heading Green
Color center
aligned, bold ,
Underline

H4 heading,
Color: Blue

Font type: Impact

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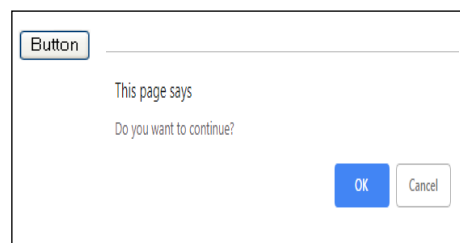
If you are interested in the above, please forward your CV to Ms.Kalpani
– Manager HR & Admin. hr@nsbm.ac.lk

For further information call on:
011544 6000

Paragraph alignment: Justified

Font type: Garamond

- c. Write a Java Script coding to display the pop up a confirm box as shown below when the button in the page is clicked



- d. Write a JavaScript program to calculate the area of a Circle, Radius should be entered through Prompt box ?

(use $\text{Area} = \pi * r * r$)

(25 Marks)

3.

- a. Write a PHP code to display the content in the next page, for the HTML (Q1- HTML)?
(No Need of Creating the HTML page , Only the php code is essential)

Registration Form

First Name	<input type="text"/>
Last Name	<input type="text"/>
Mobile Number	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Email	<input type="text"/>
Favourite Music	<input type="checkbox"/> POP <input type="checkbox"/> Rock <input type="checkbox"/> Other
Additional Details	<input type="text"/>
<input type="checkbox"/> I agree to the terms and conditions	
<input type="button" value="Submit"/>	<input type="button" value="Reset"/>

- b. The table “**Stud**” in the database “**NSBM**” consists of the fields uno, password and Phno. Assuming that the database and the table have already been created using MySQL, write a PHP page to update the password of any given uno .
uno , New password should be retrieved from User (Create the Essential HTML and Php pages for the update process)

Use the SQL statement:

update user set password =YYYYY where uno = XX

(Where X & Y should be replaced with the user values)

(25 Marks)

4.

- a. Using the Following Form, create a PHP page to insert the entered value to the database. Consider the following database & the table is already created. (HTML or additional pages are not necessary to create, u can consider the property names by assuming)

The image shows a sign-up form with the title 'Sign Up'. It contains four input fields: 'First Name', 'Last Name', 'Email', and 'Password'. Below these fields is a link that says 'Already a member? Log In'. At the bottom of the form is a button labeled 'Sign up'.

Database : details

Table : info

FName	LName	Email	Password
Silva	Dasun	silva@nsbm.ac.lk	ABC123

- b. Create a php program to display the File Name, File size , type and temporary file name of a uploaded file ? (Create the necessary HTML & php pages)

(20 Marks)

END OF THE PAPER