



NATIONAL SCHOOL OF BUSINESS MANAGEMENT

BSc. (Honours) in software Engineering – 20.3

BSc. (Honours) in Computer Science – 20.3

BSc. (Honours) in Computer Networks – 20.3

Bachelor of Information Technology (VU) – 20.3

Year 01 Semester 02 Examination

15 September 2021

SE102.3 – Web Application Development

Instructions to Candidates

- 1) **Answer ALL questions.**
- 2) **Time allocated for the examination is five (05) hours (Including downloading and uploading time).** Please type your answer unless a diagram is required. Diagrams can be handwritten and attached as a figure.
- 3) Weightage of Examination: 60% out of final grade
- 4) Download the paper, provide answers to the selected questions in a word document.
- 5) Please upload the document with answers (Answer Script) to the submission link before the submission link expires
- 6) Answer script should be uploaded in PDF Format
- 7) Under any circumstances E-mail submissions would not be taken into consideration for marking. Incomplete attempt would be counted as a MISSED ATTEMPT.
- 8) The Naming convention of the answer script – Module Code_Subject name_Index No
- 9) You must adhere to the online examination guidelines when submitting the answer script to N-Learn.
- 10) 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 “New.php” page and no need of creating the second page.

The image shows a registration form with the following elements:

- A text input field labeled "Your Invite Key" with a light pink background.
- Two text input fields side-by-side labeled "First Name" and "Last Name".
- A text input field labeled "Email".
- A text input field labeled "New Password".
- Three dropdown menus for date selection labeled "Month:", "Day:", and "Year:", each with a blue arrow icon.
- A green button labeled "REGISTER".

- b. Write JavaScript coding to change document's **Background color to Blue and the Fore ground color to red** when a mouse **clicked on a button** and change **the default values** for **double click** on the button. (Use necessary HTML tags only).
- c. Validate the Above Form using JavaScript ? with following Validations
- Invite key should be numeric value
 - Password should have Characters only with 6 minimum characters
 - Name, Email, Date field should be entered.

(30 Marks)

2.

- a. Create the following output using HTML and Internal 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

Apply for Internship opportunities at XYZ pvt ltd

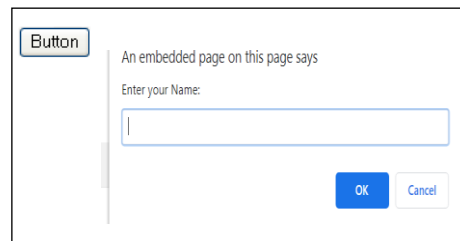
If you are interested in the above, please forward your CV to Ms.Kalpani
– Manager HR & Admin. hr@xyz.lk

For further information call on:
011222 6666

Paragraph alignment: Justified

Font type: Garamond

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



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

(use Area= Width * height)

(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

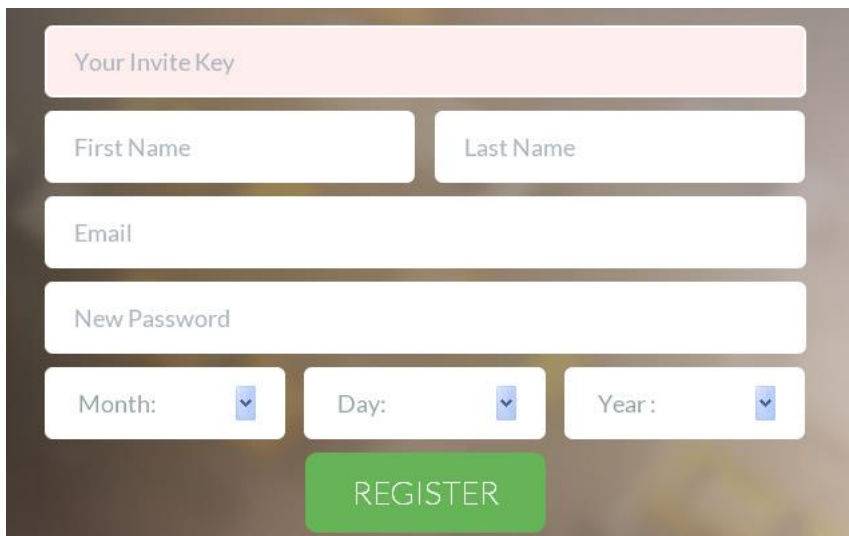
First Name	<input type="text"/>
Last Name	<input type="text"/>
Mobile Number	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Email	<input type="text"/>
Favourite Music	<input type="checkbox"/> POP <input type="checkbox"/> Rock <input type="checkbox"/> Other
Additional 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 “**EMP**” in the database “**Company**” consists of the fields eno, name and Phno. Assuming that the database and the table have already been created using MySQL, write a PHP page to update the Phno of any given eno .
eno, New phone number should be retrieved from User (Create the Essential HTML and Php pages for the update process)

(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)



Database : details

Table : info

FName	LName	Email	Date	Password
Silva	Dasun	silva@nsbm.ac.lk	15/09/2021	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)
- c. Create a Php program to transfer the Uploaded temporary file to a permanent location ? (Create only the relevant php code)

(20 Marks)

END OF THE PAPER