



NATIONAL SCHOOL OF BUSINESS MANAGEMENT

BSc (Hons) Software Engineering (PU) – 20.1

BSc (Hons) Computer Networks (PU) – 20.1

BSc (Hons) Computer Security (PU) – 20.1

Bachelor of Information Technology (VU)- 20.1

Year 01 Semester 02 Examination

07 January 2021

SE 102.3 - Web Application Development

Instructions to Candidates

- 1) Answer all questions
- 2) Total Number of Pages 4
- 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 Following Login Page using HTML? No Bootstrap classes are necessary to include in the code.
- 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

Name:

Telephone No:

Address

How would like us to contact you? ☒ Telephone ☐ letter

Do you like to receive a newsletter? ☐

Connected to www.nsbm.ac.lk background : Green

- b. Write JavaScript coding to change document's **background color to red** when a mouse **clicked on a button** and change **the background color to white** for **double click** on the button. Use necessary HTML tags only.
- c. Validate the Above Login page using JavaScript? with following Validations
 - i. Name and Phone no field is important field.
 - ii. Phone number should be 10 digits

(20 Marks)

2.

- a. Create the following output using HTML and External CSS only.

H1 heading,
center aligned,
bold , Underline

H4 heading,

Color: Blue

Font type: Arial

Apply for Internship opportunities at ABC pvt Ltd

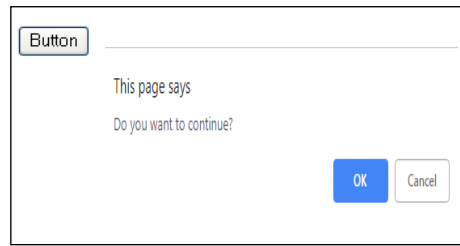
If you are interested in the above, please forward your CV to Mr.Aruna –
Asst.Manager HR & Admin. hr@abc.lk

For further information call on:
0115446000

Paragraph alignment: Justified

Font type: Garamond

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



- c. Write a JavaScript program to calculate the area of circle , radius should be entered through Prompt box ?

(use $\text{Area} = \pi * r * r$, $\pi = 22/7$)

(20

Marks)

3.

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

Name:

Telephone No:

Address

How would like us to contact you? ☒ Telephone ☐ letter

Do you like to receive a newsletter? ☐

(Figure : A)

- 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)

(20 Marks)

4.

- a. Using the Above Form which is created in question 3.a (Figure A) , 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

Name	phno	Address
Yashodha	0115445000	Homagama

- 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)

5.

- a. Create a JavaScript program for the following situation?

Have a link for nsbm website (www.nsbm.ac.lk)

when the user reaches the link the background color should be pink (mouse)

when the mouse is leaving from the link the background color should be default (white)

b.

pizza	
Name	<input type="text"/>
Pizza Topping	<input type="radio"/> Supreme <input type="radio"/> Vegetarian <input type="radio"/> Hawaiian
Pizza Sauce	<input type="text" value="Tomato"/>
Optional Extras	<input type="checkbox"/> Extra Cheese <input type="checkbox"/> Gluten Free Base
Delivery Instructions: <input type="text"/>	
<input type="button" value="Send my Order"/>	

Create the above HTML form where the list should have "chilli", "tomato", "select" options

- c. Validate the above form using JavaScript?
Other than delivery instructions every field is compulsory, Display the relevant error messages. (20 Marks)

END OF THE PAPER