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BMS College of Engineering, Bangalore-560019

(Autonomous Institute, Affiliated to VTU, Belgaum)

July / August 2017 Supplementary Semester Examinations

Course: Web Programming
Course Code: 15CS3DCWEP

Duration: **3 hrs**
Max Marks: **100**


Date: 27.07.2017

Instructions: 1. Answer any five full questions choosing one from each unit.
2. Assume missing data (if any) suitably

UNIT 1

- 1 a) Develop a HTML program to display a form as shown below:

08

 TRAVEL PLANNING SERVICE				
What brochures would you like? (Check all that apply)			Username: <input type="text"/>	
<input type="checkbox"/> Bahamas <input type="checkbox"/> Honolulu <input type="checkbox"/> Las Vegas <input type="checkbox"/> Hoboken			Password: <input type="text"/>	
Weeks of Vacation:	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
<input type="button" value="Send This Request"/>		<input type="button" value="Clear Form"/>		

- b) Design an HTML program that describes an **ordered** list of two College Names. Add nested **unordered** list of three branches in each of the two colleges respectively.
- c) Differentiate between HTML and XHTML.

06

06

OR

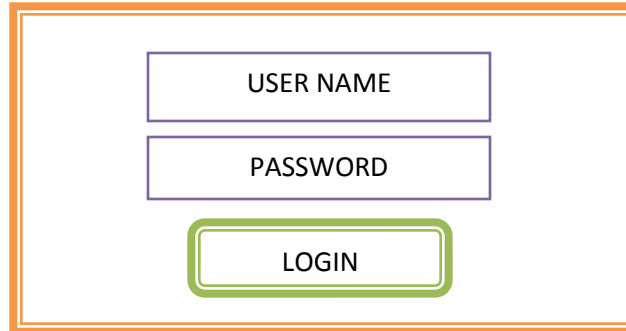
- 2 a) List any five selector forms in CSS and provide an example for each.
- b) Design a XHTML program with CSS which generates the following output.
1. Integrated Subject
 - Test
 - i. Theory
 - ii. Lab
 2. Non-Integrated Subject
 - Theory
 - Quiz

10

10

UNIT 2

- 3 a) Consider the user login form as shown in the figure below. This form has two text boxes and a submit button. The names of the text boxes are username and password. Write Javascript function code to access the text box values. **10**
Note: Should access the text box values using three different ways. Store the accessed values in the local variables.



- b) Write a JavaScript function to: **10**
- Test if the given input matches the format of the Invoice number. Prefix of the Invoice number should be BMS, followed by hyphen (-), 4 digits and hyphen (-) year (Example BMS-8256-2016). Display whether the given input is Valid or not using ALERT method. Accept input Invoice number using PROMPT method
 - Accept a string from the user and display the words of the string in descending order. Accept input string using PROMPT method and output using ALERT method.

OR

- 4 a) Demonstrate with an example program the various ways of Positioning elements. **10**
b) Design a dynamic XHTML program “move.html” which has a JavaScript function movetext(). **10**
- JavaScript function movetext() should accept from user through PROMPT method *text*, *initial position* and *final position*. After accepting input from the user, the *text* should be moved from *initial* to *final* position.
 - When the user opens “move.html”, the function movetext() should be executed/called.

UNIT 3

- 5 a) With an example program for each explain the process of passing variable values between PHP pages using URL query string and Sessions. **12**
b) Explain the following w.r.t. PHP with an example for each: **08**
- sort
 - rsort
 - asort
 - foreach

UNIT 4

- 6 a) Consider database details as: 10
Database Name : EMP
Database Username : abc
Database Password: abc123
Database table name: employee with column names as *Employee Name, Designation and Mobile number*.
Hostname : localhost
Develop a PHP Script
- i. **“Store.php”** which inserts three employee record into the database table.
Consider employee data as
“Aditya”, “Manager”, 9999912345
“Bharath”, “Software Developer”, 9999912346
“Chandan”, “Software Tester”, 99999123457
 - ii. **“Retrieve.php”** which displays employee details by accessing employee database table.
- b) It is required to store student details and marks scored in an XML file. For this it is required to do the following. 10
- i) Create XML program “student.xml”, which creates an instance for the student. Consider student data as
USN: 1BM12CS111
Name: abc
Mobile : 1234567890
Test-1: Subject1 – 25marks
Subject2 – 40marks
 - ii) Create XSL style sheet “student.xsl” program, which displays the contents of “student.xml”.

UNIT 5

- 7 a) With a sample program explain the use of different levels of style sheets w.r.t CSS. 10
b) With a suitable example explain the various categories of user defined XML Schema data types. 10
