INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

B.Tech IV Semester End Examinations (Regular / Supplementary) - May 2019

Regulation: IARE – R16

WEB TECHNOLOGIES

Time: 3 Hours   (CSE)   Max Marks: 70

Answer ONE Question from each Unit
All Questions Carry Equal Marks
All parts of the question must be answered in one place only

UNIT – I

1. (a) What is Style Sheet? Describe the different ways to add styles to a web page. **[7M]**

   (b) Create a HTML document for a company registration page using all form elements. **[7M]**

2. (a) What are the different types of lists in HTML? Explain how these lists are created in HTML with suitable examples. **[7M]**

   (b) Write a HTML script to manage personal details of a student like name, class, qualification, photo and address using tables and other suitable tags. **[7M]**

UNIT – II

3. (a) How is XML different from HTML? Elucidate with an example. **[7M]**

   (b) Write a Java script for password matching of two input fields. **[7M]**

4. (a) How is programming made easier in Java script? Also mention the benefits and problems with Java script. **[7M]**

   (b) Define SAX parser. Build XSLT code to display employee details in a table form which is stored in XML. **[7M]**

UNIT – III

5. (a) Describe about the life cycle of servlet with a neat block diagram. **[7M]**

   (b) Write a servlet code which can read parameters(username, password and age of a person) from a web page. **[7M]**

6. (a) Discuss about javax.servlet.http and Javax.servlet package. **[7M]**

   (b) What is javabean? Develop a JSP with a bean in the application scope. **[7M]**

UNIT – IV

7. (a) Discuss different types of conditional statements in PHP with example. **[7M]**

   (b) Write a PHP code to determine whether a given number is an 'PERFECT NUMBER' or not. [E.g.: 6 is a perfect number, since its factors including 1(but not the number itself) sum to the number i.e., 1+2+3 = 6]. **[7M]**

8. (a) Discuss in detail about the data types of PHP with code. **[7M]**

(b) Write a PHP program to validate given password entered in registration form. **[7M]**

UNIT – V

9. (a) Explain the user defined functions in PHP with an example. **[7M]**

(b) What is a Cookie? Explain MVC architecture in detail in PHP. **[7M]**

10. (a) Discuss clearly about retrieving and displaying results in MySQL using PHP. **[7M]**

(b) Explain about PHP and XML with suitable example how to extract data from XML to PHP file. **[7M]**

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