P2998

[5669]-590

T.E. (Computer Engineering) (Semester - II)
WEB TECHNOLOGY
(2015 Pattern)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates:

1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*
4) *Assume suitable data, if necessary.*

Q1) a) Elaborate how you can set up your own website. What are the web technologies are required for the same? **[5]**

     b) Describe the following web technologies? **[5]**
        i)   XML
        ii)   HTML 5

OR

Q2) a) Design a form to accept workshop registration details from participants and validate any five fields using Java Script? (Assume suitable structure)
                                                        [5]

     b) Explain Document Object Model (DOM) with suitable example? **[5]**

Q3) a) Write a servlet program to accept username and password from client and verify if username = "ADMIN" and password = "ADMIIN" then redirect to success page otherwise redirect to failure page? **[5]**

     b) Write a JSP program to demonstrate use of page directive, scriplet and expression tag? **[5]**

OR

Q4) a) Explain the following document object properties with proper syntax? **[5]**
        i)   document.getElementById()
        ii)   document.getElementByClass()
        iii)   document.getElementByName()

     b) Explain Session and Cookies in Servlets? Write any one program to demonstrate session or cookies? **[5]**

P.T.O.

Q5) a) List and Explain steps involved in connecting to MySQL with PHP? **[8]**

b) What is purpose of AJAX? Explain with relevant example? **[8]**

OR

Q6) a) What is Multi dimensional arrays in PHP? Explain it with simple PHP code? **[8]**

b) Explain how session and cookies are used for session management in PHP? **[8]**

Q7) a) What is Angular JS? List and explain various directives in Angular JS? **[8]**

b) What is Dependency Injection mechanism in AngularJS? List components of this mechanism and explain any one with relevant example? **[8]**

OR

Q8) a) Explain how angular JS integrates with HTML? **[8]**

b) What are the different configuration files are requires to develop any struts application? Explain each configuration file. **[8]**

Q9) a) Write Short note on Bootstrap? Write a program to demonstrate button styles (warning, danger, Default, Primary, link, success)? **[9]**

b) What is use of JSF? Write differences between SOAP and REST in detail? **[9]**

OR

Q10) a) List the difference between entity bean and session bean? Explain the callback method? **[9]**

b) Write brief note on following : **[9]**

i) Wordpress

ii) Spring

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