P741

APR - 18/TE/Insem. - 144

T.E. (Computer Engineering)
WEB TECHNOLOGY

(2015 Course) (Semester - II) (310257)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

1) *All Questions are com!ulsory.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*

Q1) a) Define the terms : **[5]**

     i)   Website.

     ii)   Web Page.

     iii)   Web Server.

     iv)   URL and

     v)   Home Page

   b)   Explain the differences between external and internal DTDs. **[5]**

<center>OR</center>

Q2) a) What are XML schemas? How are they better than DTDs? **[5]**

   b)   List and describe any five HTML tags. **[5]**

Q3) a) Explain the differences between JavaScript and jQuery. **[5]**

   b)   Write an HTML Page and also provide a JavaScript for accepting a user ID and password from the user to ensure the input is not empty. **[5]**

<center>OR</center>

<div align="right">*P.T.O.*</div>

Q4) a) What is the purpose of DOM Node Tree? Draw DOM node tree for simple HTML page. **[5]**

b) List and brief any five functions in JavaScript. **[5]**

Q5) a) Write advantages of JSP over Servlets? Also explain life cycle of a JSP. **[5]**

b) Create a servlet in java to get user ID and password parameters which are entered in the form of Login.html file. **[5]**

OR

Q6) a) Write a JSP scriptlet for displaying even numbers between 1 to 50. **[5]**

b) What are the usage of JSP Directives and JSP Actions. **[5]**