

Total No. of Questions : 6]

SEAT No. :

**P541**

[Total No. of Pages : 2

**APR - 18/TE/Insem. - 144**

**T.E. (Computer Engineering)**

**WEB TECHNOLOGY**

**(2015 Course) (Semester - II) (310254)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) *All Questions are compulsory.*
- 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]**

**OR**

**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]**

**OR**

**P.T.O.**

**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]

