

Total No. of Questions : 6]

SEAT No. :

P542

[Total No. of Pages : 1

**TE/Insem/APR-143**  
**T.E. (Computer Engineering)**  
**WEB TECHNOLOGY**  
**(2015 Pattern)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

**Q1)** a) List and discuss different design issues in web development? [5]  
b) Describe the steps involved when a web browser requests for and obtains a web page from a web server. [5]

OR

**Q2)** a) What are the strengths of XML technology? Explain the need for XML. [5]  
b) Write and discuss any five differences between HTML and HTML5. [5]

**Q3)** a) When to use JQuery? What are advantages of using JQuery over java script. [5]  
b) What are the different Data Types available in JavaScript? Explain with correct syntax of declaration of it. [5]

OR

**Q4)** a) How to create array in java script? Brief reading of array elements in java script. [5]  
b) What is the purpose of DOM node tree? Draw/Create DOM node tree for simple HTML page. [5]

**Q5)** a) List and elaborate any five JSP implicit objects. [5]  
b) Write a java servlet program which will display "welcome to Servlet" message. [5]

OR

**Q6)** a) What is use of isThreadSafe in JSP? Also Explain Single Thread Model in JSP. [5]  
b) Write a servlet which will accept username and password in a form, which will compare both in the code to display success or failure. [5]

