

Total No. of Questions : 6]

SEAT No. :

P48

[Total No. of Pages : 2

TE/INSEM/APR-53

T.E. (Computer Engineering)

310254 : WEB TECHNOLOGY

(2015 Pattern) (Semester - II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

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

Q1) a) Write at least any five Differences between XML and XSLT. [5]

b) What is a style sheet? How to you create a multi colour text on a web page using CSS? [5]

OR

Q2) a) What is use of static & dynamic web page? Enlist applications of static & dynamic web page. [5]

b) Describe any three HTML tags from following with simple example? [5]

- |            |           |
|------------|-----------|
| i) head    | ii) body  |
| iii) form  | iv) table |
| v) marquee |           |

Q3) a) Explain with example how to access values of textbox of form using JavaScript? [5]

b) Write a program of your choice to demonstrate the use of DOM. [5]

OR

P.T.O.

**Q4) a)** Explain the following document object properties with proper syntax. Give one example. [5]

- i) document.getElementById()
- ii) document.getElementsByClassName()
- iii) document.getElementsByName()

**b)** Explain how to call JavaScript from an HTML page? Write a program to validate atleast one textfield for empty value? [5]

**Q5) a)** Explain the lifecycle of servlet. Write a simple servlet to print "Hello, Good Day". [5]

**b)** Explain any two from the following JDBC API components : [5]

- i) DriverManager
- ii) SQLException
- iii) Connection
- iv) Statement
- v) ResultSet

OR

**Q6) a)** Draw and discuss MVC architecture in details. [5]

**b)** Write a JSP program to demonstrate any two components from (Page directive, Scriptlet, Expression and Comment). [5]

\*\*\*