

Total No. of Questions : 10]

SEAT No. :

P3634

[5560]-590

[Total No. of Pages : 2

T.E. (Computer Engineering)
WEB TECHNOLOGY
(2015 Course) (Semester - II) (310254)

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 side indicate full marks.*
- 4) *Assume Suitable data if necessary.*

- Q1)** a) List and discuss the different design issues in web development? [5]
b) Write at least any five Differences between HTML and HTML5. [5]

OR

- Q2)** a) Discuss the XSLT technology with an example. [5]
b) Write a program of your choice to demonstrate the use of DOM. [5]

- Q3)** a) Write a Java Servlet which will display “welcome to Servlet” message.[5]
b) Explain HttpServlet Request and HttpServlet Response with suitable examples. [5]

OR

- Q4)** a) How to create array and read elements in Java script. [5]
a) Write the differences between include action and include directive in JSP. [5]

- Q5)** a) Classify data type of PHP and describe various data types in each type.[8]
b) Explain with simple example the XMLHttp Request Object. List and explain different values of readystate and status property of the HTTP Request object. [8]

OR

- Q6)** a) What is Associate arrays in PHP? Explain it with simple PHP code. [8]
b) What are the technologies used in traditional web programming? Also identify location of each technology used in this model. [8]

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Q7) a) Draw and explain neat diagram which depicts MVC to the struts architecture. **[8]**

b) Create Simple Angular JS application to display “Hello, Input Name” using proper directive. **[8]**

OR

Q8) a) Write sample Angular JS application which can demonstrate used of different type of expressions. **[8]**

b) Identify and explain data tags from struts 2 which are used to manipulate data displayed on any web application page. **[8]**

Q9) a) Draw and explain scenerio of client accesing remote EJB. List some of the EJB clients. **[8]**

b) What are the web services? List and explain layers in protocol stack of web serivce architecture. **[8]**

c) Write short note on Content Management System. **[2]**

OR

Q10) a) Write EJB code to aquire JNDI conext through (i). default JNDI properties and (ii). Seperate JNDI properties. **[8]**

b) Draw and explain each tier of three tiers architecture using EJB. **[8]**

c) Write a short note on Spring. **[2]**

