

Total No. of Questions : 10]

SEAT No. :

P3634

[5560]-590

[Total No. of Pages : 2

**T.E. (Computer) WEB
TECHNOLOGY
(2019 Course) (Semester - II) (310257)**

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 XMLHttpRequest Object. List and explain different values of readyState and status property of the XMLHttpRequest object. **[8]**

OR

Q6) a) What is Associative 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 service 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]**

