

Total No. of Questions : 8]

SEAT No. :

PE-2510

[Total No. of Pages : 2

[6583]-36

T.E. (Computer Engg.)

WEB TECHNOLOGY

(2019 Pattern) (Semester - VI) (310252)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates :

- 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data if necessary.

Q1) a) Explain the life cycle of servlet. [6]

b) What are DTDs? Explain internal DTD with example? [6]

c) What is AJAX. Explain with suitable example. [6]

OR

Q2) a) Differentiate between Generic Servlet and HTTP Servlet. Write code snippet for Generic Servlet to display Hello World. [6]

b) Explain the differences between HTML and XML. [6]

c) Write code snippet to design a form to search employee by name using ajax. [6]

Q3) a) Write advantages of JSP over Servlets? Also explain life cycle of a JSP. [9]

b) Explain the architecture of struts. [8]

OR

P.T.O.

Q4) a) Create a JSP page to search a student details from database by studentid. (Assume suitable table structure). [9]

b) Write a note on SOAP and UDDI. [8]

Q5) a) Write a program in PHP to calculate Square Root of a number? [6]

b) Explain all possible types of scope of variable in PHP. [6]

c) What is .NET Framework? Explain Architecture. [6]

OR

Q6) a) Write a note on WAP and WML. [6]

b) Write the PHP code for fetching the data from a database to a webpage? [6]

c) What is Node.js? What are the features of Node.js? [6]

Q7) a) Explain classes and objects in Ruby with appropriate examples. [9]

b) How code blocks are used in Ruby? Explain with appropriate code snippet. [8]

OR

Q8) a) Explain array in Ruby with example. [9]

b) What is EJB. Explain Types of Enterprise Java Bean. [8]

