

Total No. of Questions : 8]

SEAT No. :

PE-2530

[Total No. of Pages : 2

[6583]-56

T.E. (AI & DS)

WEB TECHNOLOGY

(2019 Pattern) (Semester - V)(310252)

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 and Q.7 or Q.8.
- 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) What is Servlets? Explain Servlet Life cycle. Explain HttpServlet class with example. [9]

b) Write Short note on: [9]

i) XML

ii) AJAX

OR

Q2) a) How can we differentiate between Generic Servlet and HTTP Servlet. Explain with suitable example. [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) Explain life cycle of a JSP. What are advantages and disadvantages over Servlet. [9]

b) Explain the architecture of struts. [8]

OR

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

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

P.T.O.

- 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) Introduce the concept of Rails application. Describe layouts & stylesheet in Rail. [8]

OR

- Q8)** a) Explain array in Ruby with example. [9]
b) What is EJB. Explain Types of Enterprise Java Bean. [8]

