

Total No. of Questions : 8]

SEAT No. :

PA-1450

[Total No. of Pages : 2

[5926]-66

T.E. (Computer Engineering)

WEB TECHNOLOGY

(2019 Pattern) (Semester - II) (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 Q.8.
- 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 following: [8]

- i) Process of transforming XML document.
- ii) HTTP session

b) What is Servlet? Explain the life cycle of servlet. Illustrate with example.[9]

OR

Q2) a) Compare doGet and doPost methods in servlet. [9]

b) Explain XML with respect to structure, declaration syntax, namespace.[8]

Q3) a) Write advantages of JSP over servlet and explain lifecycle of JSP. [8]

b) Explain the Struts architecture with neat diagram and also explain the benefits of Struts. [9]

OR

Q4) a) Write a JSP program to demonstrate use of page directive, Scriptlet Expression and Comment. [9]

b) Write the benefits of Web services and explain SOAP, Rest and UDDI.[8]

P.T.O.

- Q5) a)** Explain the following with respects to PhP. [9]
- i) Arrays
 - ii) Function
 - iii) Control statements in PhP
- b) How does this array work in PhP? Explain with example. [9]

OR

- Q6) a)** Explain object oriented way to connect MYSQL database with PhP. [9]
- b) Draw and explain .NET framework with CLR, CLI. [9]
- Q7) a)** Explain scalar types and their operations in Ruby. [9]
- b) What are the positive aspects of Rails, explain with example. [9]

OR

- Q8) a)** Write short note on: [9]
- i) Rails with AJAX
 - ii) WAP and WML
- b) What is EJB? Explain types of EJBs. [9]

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