

Total No. of Questions : 8]

**PC1727**

SEAT No. :

[6353] 44

[Total No. of Pages : 2

**T.E. (Computer Engg.)  
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, Q.7 or 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 Http Servlet class with example. Explain the servlet Life cycle method. [10]  
b) Explain XML using DTDS & XML using XML Schema with example. [8]

OR

- Q2)** a) Explain servlet session management & tracking methods. [9]  
b) Write note on :  
    i)     AJAX [5]  
    ii)    do Get Vs dopost [4]

- Q3)** a) Explain JavaBeans classes & JSP. [8]  
b) Explain the concept of Web Services. Explain WSDL & SOAP. [9]

OR

- Q4)** a) Explain JSP Vs Servlets (Min.04). Explain how JSPs are translated to Servlets. [8]  
b) Write note on struts. Explain struts with example code block. [9]

P.T.O.

**Q5)** a) Explain the MySQL & PHP for inserting the students data into the students table. (Assume suitable data) [8]

b) Write note on :

i) ASP. NET [5]

ii) NodeJS [5]

OR

**Q6)** a) Explain PHP functions and arrays in PHP. [10]

b) Explain the concept of NET framework and C# [8]

**Q7)** a) Explain the Ruby with respect to scalar types & their operations, control statements & arrays. [12]

b) Write note on EJB. [5]

OR

**Q8)** a) Explain the Rails Applications & databases. Also explain Rails with AJAX. [12]

b) Explain the advantages & Ruby & Rails. [5]

