

Total No. of Questions : 8]

SEAT No. :

P7552

[Total No. of Pages : 2

[6180]-62

T.E. (AI & DS)

WEB TECHNOLOGY

(2019 Pattern) (Semester - I) (310252)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q.No.1 or Q.No. 2, Q.No.3 or Q.No.4, Q.No.5 or Q.6, Q.No.7 or Q.No.8.
- 2) Neat diagram must be drawn wherever necessary.
- 3) Figure to the right indicates full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) Explain the Servlet lifecycle and session management in servlets. **[10]**
- b) Explain the concept of XML. Explain DTDs with example to use DTD in XML file. **[8]**

OR

- Q2)** a) Write the Servlet code for connecting MySQL with servlets. Explain servlet concurrency. **[8]**
- b) Write note on following:
- i) AJAX
 - ii) DTD Vs XML Schema (Min. 05) **[10]**

- Q3)** a) Explain the syntax of JSP with example and differentiate it with Servlet. Also explain the support of JSP for MVC. **[10]**
- b) What are web services? Explain the concept of WSDL. **[7]**

OR

- Q4)** a) Explain the JavaBeans classes in JSP with example. **[9]**
- b) Write note on struts. **[8]**

P.T.O.

Q5) a) Explain arrays and functions in PHP with example. **[10]**

b) Explain .NET framework with CLI and CLR. **[8]**

OR

Q6) a) Explain the PHP and MySQL connectivity steps with example. Explain the PHP function with example for executing MySQL DML statements. **[10]**

b) Write note on node JS. **[8]**

Q7) a) Explain the classes and arrays in Ruby. **[8]**

b) Give overview of Rails and documents requests. Explain Rails with AJAX. **[9]**

OR

Q8) a) Write note on: **[12]**

i) Code blocks and iterators in Ruby.

ii) Pattern machine in Ruby.

iii) Processing forms in Rails.

b) Explain the concept of EJB. **[5]**

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