

Total No. of Questions : 8]

PB-3792

SEAT No. :

[Total No. of Pages : 2

[6262]-51
T.E. (AI & DS)
Web Technology
(2019 Pattern) (Semester - I) (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) Figures to the right indicate full marks.

- Q1)** a) Explain servlet architecture. Explain servlet life cycle. [8]
b) Explain XML with respect to XML declaration, DOM based XML processing. [6]
c) Explain concept of transforming XML documents [3]

OR

- Q2)** a) Explain the following:
i) URL rewriting [4]
ii) MySQL and Java servlets. [4]
b) Explain the concept of AJAX and its working. Explain advantages of AJAX. [9]

- Q3)** a) Explain the concept of JSP. Explain the JSP life cycle. Also differentiate JSP Vs servlets (min.04) [12]
b) Explain struts with respect to its architecture, actions & interceptors. [6]

OR

P.T.O.

Q4) a) Explain the Javabeans classes and JSP with example. [9]

b) What are web services. Explain the concept of WSDL. [9]

Q5) a) Explain PHP with basic code block for displaying Hello world and list the advantages of PHP over JSP (min 04) [8]

b) Write note on: [10]

i) .NET framework

ii) C#

OR

Q6) a) Explain the session tracking and management in PHP. [8]

b) Explain the following : [10]

i) NodeJS

ii) WAP & WML

Q7) a) Explain the control statements and arrays in Ruby. [10]

b) Explain the concept of layouts & document requests in Rails. [7]

OR

Q8) a) Explain the classes in Ruby. Elaborate on pattern matching in Ruby. [8]

b) Write note on:

i) EJB

ii) Rails with AJAX

