Code No: 126VP

R15

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, April - 2018
WEB TECHNOLOGIES
(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B
consists of 5 Units. Answer any one full question from each unit. Each question carries
10 marks and may have a, b, c as sub questions.

PART - A

(25 Marks)

1.a)	How do you execute a PHP script from the command line?	[2]
b)	Is multiple inheritance supported in PHP? Explain.	[3]
c)	Differentiate XHTML and XML.	[2]
d)	Define XML. What are the advantages of XML?	[3]
e)	Name two CGI environmental variables.	[2]
f)	Mention some uses of servlet.	[3]
g)	How to deal with syntax errors in JSP page?	[2]
h)	List the JSP implicit objects.	[3]
i)	Give a note on this keyword in JavaScript.	[2]
j)	What is the difference between undefined and not defined in JavaScript?	[3]

PART - B

(50 Marks)

2.a) Write a PHP script to retrieve the data from oracle database.
 b) With an example explain the casting of data types in PHP. [5+5]
OR
3.a) How strings are declared in PHP? Explain string operators.
 b) Explain the process of Reading data from web form controls like text boxes, radio
 buttons, and lists. [5+5]

4. Define Document type definition (DTD) in XML. What is difference between internal
 and External DTD. [10]
OR
5.a) How XML transformations will form and write the Schemas of XML? Explain.
 b) What is an XML DOM? How DOM parses the XML file. [5+5]

6. With the help of neat diagram, explain the servlet architecture. [10]
OR
7. List and explain the web servers that support CGI programming. [10]

8. Discuss about various categories of JSP tags. Explain each of them with syntax and suitable examples. [10]

OR

9.a) Write a JSP to demonstrate the usage of page and include directives.
   b) Give a brief note on Anatomy of a JSP Page. [5+5]

10.a) Explain the Simple AJAX application.
    b) Discuss the event handlers in JavaScript. [5+5]

OR

11. Describe about form validation concept in JavaScript. Explain with an example program. [10]

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