R13

Code No: 126EP

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B.Tech III Year II Semester Examinations, May - 2016
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)	Give any two advantages of PHP.	[2]
b)	How can you create array in PHP? Explain.	[3]
c)	Discuss the common tags of XHTML.	[2]
d)	How can you declare attributes in XML? Give an example.	[3]
e)	What does Servlet config interface do?	[2]
f)	When a Servlet accepts a call from a client, it receives two objects. What are they?	[3]
g)	What is Session tracking? Explain.	[2]
h)	What is the purpose of using Cookies? How they are created?	[3]
i)	What is the difference between GET and POST method in Java Script?	[2]
j)	How does one access cookie in a java script?	[3]

PART - B (50 Marks)

2.a)	Discuss about various functions used in PHP with examples.	
b)	Write a PHP script to add and remove users from a MySQL table.	[5+5]

OR

3.a)	Describe about various types of PHP interpreters.	
b)	Write a PHP script for searching a website URL for a keyword or sentence.	[5+5]

4.a)	Explain document structure description with example code in XML.	
b)	What are the XML namespaces and how are they declared?	[5+5]

OR

5.a)	Explain about various types of XML parsers.	
b)	How are XHTML elements and attributes represented in the java script binding to DOM? Explain.	[5+5]

6.a)	Write note on Common Gateway Interface (CGI).	
b)	What potential advantages do servlets have over CGI programs? Explain.	[5+5]

OR

7.a)	Describe the life cycle of a java servlet and write a simple servlet that reads three parameters from the form data.	
b)	Explain the differences between Generic Servlet and HttpServlet.	[5+5]

a) Discuss about the features of JSP pages.
b) Write in brief about JSP tag extensions and libraries.   [5+5]

OR

9.a) How does a Servlet communicates with a JSP page? Explain.
b) What is Bean? Discuss how to create beans in JSP.   [5+5]

10.a) Explain various operators and data types available in java script.
b) Explain Document Object Model with suitable examples and code.   [5+5]

OR

11.a) Explain about object, methods and events in Java Scripts.
b) Write short notes on simple Ajax application.   [5+5]

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