JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B Tech III Year II Semester Examinations, October/November - 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)	How to create a text file in PHP?	[2]
b)	What is the use of $ symbol in PHP? Explain it with an example.	[3]
c)	Explain about the purpose of DTD.	[2]
d)	Derive naming rules in XML.	[3]
e)	What are the advantages of servlets over CGI?	[2]
f)	Can we use java as the CGI language? If yes, How?	[3]
g)	Is it possible for one JSP to extend another java class? If yes how?	[2]
h)	Define JSP. Mention its use.	[3]
i)	How to insert JavaScript Code in PHP?	[2]
j)	Explain this keyword in JavaScript.	[3]

PART - B
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(50 Marks)

2.a)	Define operator? Explain different operators used in PHP.	
b)	Write a program to explain about the concept of arrays in PHP.	[5+5]

OR

3.a)	Define Session and Cookies. Explain with an example program.	
b)	List and explain the control structures used in PHP.	[5+5]

4.	Briefly explain the SAX Parsers in java.	[10]

OR

5.a)	Explain XML schema languages.	
b)	Write a short note on DOM.	[5+5]

6.a)	What are the two objects that a servlet receives when it accepts a call from client?	
b)	How does server side programming differ from client side programming?	[5+5]

OR

7.a)	Differentiate between the single threaded and multi threaded servlet method.	
b)	Mention two web servers that support CGI programming.	[5+5]

8.   What is the key difference between Http servlet Response. send Redriect() and <jsp:forward>? Explain.   [10]

OR

9.   How to use Cookies and session for session tracking? Explain with an example program.   [10]

10.a) With an example program, explain form validation concept in JavaScript.
   b) Write a short note on Event handlers in JavaScript.   [5+5]

OR

11. Define client side programming. Explain briefly about AJAX.   [10]

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