Code No: 824AA

R15

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, June/July - 2018
WEB TECHNOLOGIES

Time: 3hrs   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

5 × 5 Marks = 25

1.a)	How can we get seconds of the current time using date function?	[5]
b)	What are the advantages of XML?	[5]
c)	Explain difference between GET and POST method.	[5]
d)	What are the differences between custom JSP tags and Servlets?	[5]
e)	Explain how to embed JavaScript code in an HTML document?	[5]

PART - B

5 × 10 Marks = 50

2.a)	With an example explain arrays in PHP.	[5+5]
b)	How to execute simple queries in PHP?	

OR

3.	Explain read and write operation of file in PHP.	[10]

4.a)	Define XML. Give examples to define the attributes and values of XML	
b)	Explain how XML parsing is done with SAX?	[5+5]

OR

5.a)	What is DTD? Explain in detail.	
b)	Explain the components of XML document.	[5+5]

6.a)	How does the HTTP requests and responses are handled?	
b)	Explain the cookies in Servlets.	[5+5]

OR

7.	Explain different types of statements in JDBC.	[10]

8.a)	What are the two ways to include the result of another page?	
b)	Explain how to use JavaBeans from JSP pages.	[5+5]

OR

9.	Describe various categories of JSP tags - Directives, Scripting elements, Actions?	[10]

10.a)	Write a JavaScript that reads list of ten numbers and displays the count of negative numbers, positive numbers and zeros from the list.	
b)	Explain the need for scripting languages in web programming.	[5+5]

OR

11.a)	What is form validation explain with example?	
b)	What is JavaScript? Write the features of JavaScript?	[5+5]

---oo0oo---