Reg No.:_____   Name:_____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SIXTH SEMESTER B.TECH DEGREE EXAMINATION, APRIL 2018
Course Code: IT302
Course Name: INTERNET TECHNOLOGY

Max. Marks: 100   Duration: 3 Hours

PART A
Answer any two full questions, each carries 15 marks.   Marks

1	a)	Illustrate the usage of alt attribute in an image tag.	(2)
	b)	What is the use of href? Give example.	(3)
	c)	What are Cascading Style Sheets? Illustrate the concept of an internal style sheets with examples.	(10)
2	a)	What is a data list element, Design an input data list element which lists the 5 states in India.	(3)
	b)	Explain conflicting styles with example. What happens when conflicting occurs?	(8)
	c)	Create the following table in HTML with a caption:	(4)

	Average		Red Eyes
	height	weight	
Male	150	65	40%
Female	145	55	43%

3	a)	Create an HTML document containing a nested list which shows the content page of any book.	(4)
	b)	Explain about autocomplete attribute with an example.	(3)
	c)	Explain about following input elements with example.	(8)

           a) textarea b) checkbox c) radio button d) submit e) textbox

PART B
Answer any two full questions, each carries 15 marks.

4	a)	Illustrate the usage of JavaScript functions with an example.	(5)
	b)	What is events and explain event bubbling with an example.	(10)
5	a)	Explain JavaScript: Objects: Math,String, Date, Boolean and Number, document Object.	(10)
	b)	What do you mean by a DOM, Explain about DOM Traversal	(5)
6	a)	Name any three Date object methods used in Java Script. Also write its usage	(3)

	b)	What do you mean by DOM collections? Explain different types (7) of DOM collections	(7)
	c)	Explain about JavaScript arrays and sorting	(5)

PART C
Answer any two full questions, each carries20 marks.

7	a)	List and explain the Arithmetic operators in PHP	(5)
	b)	List out the conditions for a well formed XML document. Differentiate well-formed document and valid document in XML	(5)
	c)	Explain how asynchronous requests are managed in Ajax Applications with an example	(10)
8	a)	Differentiate client side scripting and server side scripting	(5)
	b)	What is XmlHttpRequest(XHR)? How do you create XHR? Explain the code-snippet.	(3)
	c)	Create an application to collect the records of students and display the collected information using PHP and HTML (Student Record: Name, Address, Age, email, phone number). The email address should be validated using Java Script. Assume the database and the table are already created in the Database server	(12)
9	a	Differentiate between JSON and XML formats with examples	(4)
	b	Create an XML document that describes fruits. Using XSLT, display the data in a table format.	(8)
	c	Discuss in detail the basic structure of a three-tier web based application.	(8)

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