Code No: RT32055

R13

SET - 1

III B. Tech II Semester Supplementary Examinations, November- 2017
WEB TECHNOLOGIES
(Common to Computer Science and Engineering and Information Technology)

Time: 3 hours   Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B)**
2. Answering the question in **Part-A** is compulsory
3. Answer any **THREE** Questions from **Part-B**
*****

PART –A

1	a)	How to create frames in a web page?	[4M]
	b)	What are XML schemas ?	[4M]
	c)	What technologies are used in AJAX?	[4M]
	d)	How to define a constant variable in PHP? Give an example.	[3M]
	e)	Write short notes on data types used in PERL.	[3M]
	f)	Write a ruby script to perform arithmetic operations by reading two input numbers.	[4M]

PART -B

2	a)	Write HTML code to display your class time table.	[4M]
	b)	Explain different types of cascading style styles with suitable examples.	[8M]
	c)	Write a JavaScript code to test whether the given number is Armsstrong number or not.	[4M]
3	a)	What are the differences between DTDs and XML Schema?	[3M]
	b)	Write a XML program to illustrate XSLT.	[8M]
	c)	Explain the importance of XML in web applications.	[5M]
4	a)	What are the differences between traditional web application and AJAX based web application?	[8M]
	b)	Explain working mechanism of AJAX with suitable example.	[8M]
5	a)	Write a PHP script for uploading a file to the server and display the uploaded files details.	[8M]
	b)	Write a PHP script to validate the student data (Name, Regd.No, Email) using regular expressions and store in the database.	[8M]
6	a)	Explain HTML tags emulation,arrays,hashes in PERL.	[8M]
	b)	Which feature of Perl provides code reusability? Give any example of that feature.	[8M]
7	a)	Explain hashes and classes in ruby with suitable examples.	[8M]
	b)	Describe MVC architecture and Write ruby code for web application.	[8M]

*****