## Paper / Subject Code: 52975 / Web Design(DLOC - V)

	(Time: 3 Hours) Total Marks: 80	S. E.
N.B:	(1) Question No. 1 is compulsory	
	(2) Attempt any three questions out of remaining five questions	
Q1	a) Explain how communication is being done between Web client and Web server	[5]
	b) What are the different types of web services? What are the essential features of Web services?	[5]
	c) Write a PHP program to find the factorial of a given number.	[5]
	d) Differentiate between GET and POST method in Java Servlet	[5]
Q2	<ul><li>a) What is Bootstrap? Explain following terms related to bootstrap:</li><li>1. Typography</li></ul>	[10]
	2. Breadcrumbs	
	3. Pagination	
	4. Container	F1.0T
	b) What is CSS? Differentiate between inline, embedded and external style sheets with example	[10]
Q3	a) What is Session Tracking? Explain various ways of session tracking in servlet?	[10]
	b) What is AJAX? Explain the working of AJAX with diagram	[10]
Q4	a) Explain different web services communication models	[10]
	b) Explain three tier web architecture with proper diagram	[10]
Q5	a) What is Servlet? Demonstrate the Servlet architecture and explain its working principle	[10]
	b) Explain Model View Controller architecture with diagram.	[10]
Q6	a) List and explain various properties for CSS Animation with example	[10]
	b) What are different types of arrays created in PHP? Explain with examples	[10]