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No.	

## T.E.(Information Technology)(Semester – I) Examination, 2014 WEB ENGINEERING AND TECHNOLOGY (2012 Course)

Time: 3 Hours Max. Marks: 70

Instructions: 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10. 2) **Neat** diagrams must be drawn **wherever** necessary. 3) Figures to the **right** side indicate **full** marks. 4) Assume suitable data if necessary. 5 1. a) What are main organizational challenges to develop a web site? b) What is world wide web? With the help of the diagram discuss the Client-Server Structure of the web. 5 OR 2. a) Differentiate between HTTP versus FTP. 5 b) Explain in detail HTTP protocol, purpose and operation. 5 3. a) Explain the CSS Box Model. 5 b) Explain how Cohesive Organization Systems are created. 5 OR 4. a) Give the list with definition of HTML components. How CSS can be used to change the view? 5 b) Identify the various servers used in internet communication. 5 5. a) Write a PHP script to display the squares and cubes of 1 to 10 numbers. 8 b) What are the advantages of PHP over other scripting languages? 8 OR 6. a) List and explain various features of PHP. 8 b) What is session? List the session tracking techniques. How cookies are used to track a session? 8 7. a) Compare and contrast HTML and XML showing their capabilities, limitations. 8 b) Explain the term Document Type Definition (DTD) with the help of suitable examples. 8 8. a) What is a servlet? How do servlets work? 8

b) What are the advantages and disadvantages of servlets?

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9. a) What accessibility guidelines should be followed while creating websites for		What accessibility guidelines should be followed while creating websites for individuals?	9
	b)	List and explain detail website deployment procedure.	9
		OR	
10.	a)	What is WordPress Caching and Why is it important?	9
	b)	Compare and contrast CMS development tools Drupal and Joomla.	9

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