



[4658] – 604

Seat No.	
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**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**.

1. a) What are main organizational challenges to develop a web site ? 5  
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  
OR
8. a) What is a servlet ? How do servlets work ? 8  
b) What are the advantages and disadvantages of servlets ? 8

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9. a) 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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