



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : **110604**

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15

WEB TECHNOLOGY

Time : Hours]

[Total Marks : 50

Note: Attempt all questions

- 1 Attempt any four parts of the following: (3×4=12)
- (a) Discuss the basic elements of a good website design, including navigation considerations
 - (b) What are the essential skills that must be identified while selecting the members of a web project team?
 - (c) What are the technologies used in web design? What is the role of scripting languages in web design?
 - (d) Why planning is must before developing a website? What are the advantages of early planning?
 - (e) What do you mean by protocol? Provide the name those protocols, which help in web and explain the working of those protocols.
 - (f) Why it is important to identify the object in web development strategies? Also explain, with help of block diagram, web development process.

- 2 Attempt any two parts of the following: (6×2=12)
- (a) How do you make an image clickable in HTML? Illustrate with an example.
 - (b) Write a HTML code to design a 'Student Registration Form'. (Make Assumption)
 - (c) Discuss various types of DTDs (Document Type Definition) in XML. Which type of DTD is preferable and why?
- 3 Attempt any two parts of the following: (6×2=12)
- (a) How do you perform client side validation using JavaScript? Illustrate with suitable example.
 - (b) What is dynamic HTML? How DHTML is used with JavaScript?
 - (c) What do you mean by Common Gateway Interface (CGI)? How does CGI work?
- 4 Attempt any four parts of the following: (3.5×4=14)
- (a) What is JSP? What are the advantages of JSP over various server side programs?
 - (b) What are the different types of standard action tags used in JSP?
 - (c) What are the steps for running JSP program in Tomcat server
 - (d) What are the implicit objects available to JSP page? Explain
 - (e) How error handling and debugging is done in JSP? Explain with suitable example.
 - (f) How data can be shared between JSPs ? Explain.