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

PAPER ID : 110604

Roll No.

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.

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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.

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