

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

PAPER ID : 1309

Roll No.

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B.Tech.

(SEM. V) ODD SEMESTER THEORY EXAMINATION
2010-11

INTRODUCTION TO WEB TECHNOLOGY

Time : 3 Hours

Total Marks : 100

Note : Attempt all questions. Each question carries equal marks.

1. Attempt any **two** parts : **(2×10=20)**
 - (a) What do you mean by protocol ? Give the name of those protocols which help in web and explain the working of those protocols.
 - (b) What are the Cyber Laws ? Who is responsible for the generation and hosting of these Laws ? Give names of some Indian and International Laws.
 - (c) What do you mean by target user ? And also explain the desired characteristics of Web Project.

2. Attempt any **two** parts : **(2×10=20)**
 - (a) What are the benefits of HTML ? Also write down the steps for creating websites.
 - (b) What is Style Sheets ? Briefly explain different ways for creating Style Sheet.
 - (c) What is SAX and DOM ? And also describe DTD.

3. Attempt any **two** parts : (2×10=20)

(a) What are the development phases of Java Beans ? Write down the various steps involved in creating Java beans.

(b) What do you mean by EJB architecture ? Also describe the key factors of EJB.

(c) What is Servlet ? What are the characteristics of Servlet ? Also explain the Servlet API and Servlet Package.

4. Attempt any **two** parts : (2×10=20)

(a) Write a program for error handling and debugging in JSP. Also describe the attributes of Taglib directive.

(b) Explain Model 1 (MVC1) and Model 2 (MVC2) Architectures.

(c) What do you mean by implicit objects in JSP ? Describe all implicit objects in JSP.

5. Attempt any **two** parts : (2×10=20)

(a) What are different types of JDBC Drivers ? Which type of Driver is the best for use ?

(b) Write all steps to connect the application to the database with simple program.

(c) What is Struts Framework ? What are the features of Struts ?