



PAPER ID-420897

Roll No:

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BTECH
(SEM VI) THEORY EXAMINATION 2021-22
WEB TECHNOLOGY

Total Marks: 100

Time: 3 Hours

Note: Attempt all Sections. If you require any missing data, then choose suitably.

SECTION A

2*10 = 20

1. Attempt all questions in brief.

Qno	Questions	CO
(a)	Explain Thread and how many ways to create thread in java?	CO-1
(b)	Describe life cycle of Applet.	CO-1
(c)	Describe the advantages of CSS.	CO-2
(d)	Create Object in JavaScript.	CO-3
(e)	Differentiate between HTML and XML.	CO-3
(f)	Illustrate ResultSetMetaData Interface in JDBC.	CO-4
(g)	Outline Implicit Objects in JSP.	CO-5
(h)	Identify the Dissimilarities between web server and Application server.	CO-1
(i)	Explain the Directory structure of web application.	CO-5
(j)	Describe the characteristics of Java Beans.	CO-3

SECTION B

10*3 = 30

2. Attempt any three of the following:

Qno	Questions	CO
(a)	Illustrate the features of Java Programming Language.	CO-1
(b)	Create a css rule that makes all the text 2 times larger than the base font of the system. Mention can you integrate css on a web page.	CO-2
(c)	Explain the working of AJAX along with its applications. Mention a suitable example.	CO-3
(d)	Define the advantages of servlet over CGI? Explain with an example.	CO-4
(e)	Describe how to use Beans in JSP? Explain with an example.	CO-5

SECTION C

10*1 = 10

3. Attempt any one part of the following:

Qno	Questions	CO
(a)	Outline the differences between procedural and object-oriented programming language.	CO-1
(b)	Illustrate Inheritance. Why multiple inheritance is not possible in java? How to implement multiple inheritance in java?	CO-1

4. Attempt any one part of the following:

10 * 1 = 10

Qno	Questions	CO
(a)	Create an HTML code to create a web page that contains the user registration form with following details user name, user date of birth, user address, user gender, user email id, user mobile number.	CO-2
(b)	Design a XML DTD for self describing weather report having following details: Date, location, temperature range (Location describes city, state and its country. Country code is unique and not	CO-2