PAPER ID-310466

Roll No: | | | | | | | | | | | | |

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BTECH
(SEM V) THEORY EXAMINATION 2024-25
WEB TECHNOLOGY

TIME: 3 HRS **M.MARKS: 70**

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 07 = 14**

Q no.	Question	CO	Level
a.	Define web development strategies.	1	2
b.	What is client-server computing?	1	2
c.	What is the use of margin properties in CSS?	2	2
d.	What is the difference between ID and Class in CSS?	2	2
e.	What is AJAX, and why is it used?	3	2
f.	What is a JavaBean?	4	2
g.	What are the methods of the Servlet interface?	5	2

SECTION B

2. Attempt any *three* of the following: **07 x 3 = 21**

a.	Write a detailed note on web development strategies.	1	2
b.	Discuss the significance of padding, margin, and border properties in CSS.	2	2
c.	Explain the Factory Methods in networking with examples.	3	3
d.	Discuss the differences between Stateful and Stateless Session Beans.	4	4
e.	Describe the process of handling HTTP POST requests in Servlets.	5	3

SECTION C

3. Attempt any *one* part of the following: **07 x 1 = 07**

a.	Describe the steps involved in writing a web project.	1	3
b.	Explain the significance of connecting to the internet for web development.	1	3

4. Attempt any *one* part of the following: **07 x 1 = 07**

a.	Write a detailed note on CSS pseudo-classes and pseudo-elements.	2	2
b.	Discuss CSS properties for controlling fonts and their significance.	2	2

5. Attempt any *one* part of the following: **07 x 1 = 07**

a.	Explain the structure and purpose of URLs in networking.	3	2
b.	Discuss the importance of InetAddress in Java networking.	3	2

6. Attempt any *one* part of the following: **07 x 1 = 07**

a.	Discuss the architecture and environment setup of Node.js.	4	3
b.	Write a detailed note on NPM and its functionalities.	4	3

7. Attempt any *one* part of the following: **07 x 1 = 07**

a.	Explain how HttpSession can be used for session tracking in Servlets.	5	3
b.	Discuss the standard actions in JSP and their applications.	5	3

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