

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BCA
BRANCH: BCA

SEMESTER : V/ADD
SESSION : MO/2025

SUBJECT: CN307 WEB PROGRAMMING

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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| Q.1(a) What are “iframes” in HTML, and why are they used? | [2] 1 | 2 |
| Q.1(b) Write an HTML to draw the following table: | [3] 1 | 3 |

Area	Type of House	Rate Per Square Feet
Annanagar	Ordinary	Rs 1800
	Delux	Rs 1950
Adayar	Ordinary	Rs 2450
	Delux	Rs 2725
Egmore	Ordinary	Rs 2000
	Delux	Rs 2125

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| Q.2(a) Differentiate between the Header Section and Body Section of an HTML document. | [2] 1 | 1 |
| Q.2(b) Design a simple HTML form that accepts a student’s name and email ID with a submit button. | [3] 1 | 3 |
| Q.3(a) What is a function in the context of JavaScript? Illustrate with an example | [2] 1 | 2 |
| Q.3(b) Write a JavaScript program to calculate total, percentage, and grade from the marks of three subjects entered by the user. | [3] 1 | 4 |
| Q.4(a) What are conditional statements in the context of Java Script ? Give an example | [2] 1 | 2 |
| Q.4(b) Write a JavaScript program to search for a user-given number in the array [15, -5, 7, 15, 0, 22, -5, 9]. | [3] 1 | 4 |
| Q.5(a) What are the rules for well-formed XML? | [2] 3 | 2 |
| Q.5(b) Write an XML file to represent the train details shown in the table below: | [3] 3 | 3 |

Train No	Train Name	Source	Destination	Departure Time	Arrival Time
12001	Shatabdi Express	Ranchi	Howrah	06:10 AM	01:20 PM
18616	Kriya Yog	Ranchi	Howrah	09:30 PM	07:45 AM

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