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

CLASS: BCA   SEMESTER : VI
BRANCH: COMPUTER SCIENCE   SESSION : MO/2024

SUBJECT: CA256 WEB PROGRAMMING

TIME: 3 Hours   **FULL MARKS: 50**

INSTRUCTIONS:
1. The question paper contains 5 questions each of 10 marks and total 50 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. **Before attempting the question paper, be sure that you have got the correct question paper.**
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

			CO	BL
Q.1(a)	Describe the interaction between a web browser and web server in detail.	[5]	1	1
Q.1(b)	What are the two factors that decide the characteristics of Internet services? Describe them.	[5]	1	1
Q.2(a)	Explain various operators in JavaScript.	[5]	2	2
Q.2(b)	Write a JavaScript code that takes a number from the user via a prompt and displays if this number is even or odd.	[5]	2	4
Q.3(a)	Define DTD. Explain its use and limitations.	[5]	3	4
Q.3(b)	Differentiate between CDATA and PCDATA in XML.	[5]	3	1,2
Q.4(a)	Explain the asp.net framework in detail.	[5]	4	2
Q.4(b)	Explain the lifecycle of a asp.net web page.	[5]	4	2
Q.5(a)	Explain various data types in PHP.	[5]	5	1
Q.5(b)	Briefly explain available types of operators in PHP	[5]	5	2

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