

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

**CLASS: BCA
BRANCH: BCA**

**SEMESTER : IV
SESSION : SP/2024**

SUBJECT: CA251 WEB PROGRAMMING CONCEPTS

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.
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			CO	BL
Q.1(a)	Create an HTML webpage containing one unordered list, one border-less table, one paragraph, one hyperlink and one image.	[5]	CO1	2,3,6
Q.1(b)	Discuss in details about the <form> tag in HTML along with relevant HTML script code.	[5]	CO1	1,2,4
Q.2(a)	Demonstrate the use of the operators available in Javascript with program codes.	[5]	CO5	2,4
Q.2(b)	Create a webpage with one text box and one submit button, take a number as user input through text box and then check whether the number is divisible by 13 or not. Display all the outputs using an alert pop up box.	[5]	CO5	3,4,6
Q.3(a)	Explain the concept of document type definition (DTD) in XML.	[5]	CO3	1,2
Q.3(b)	Create an internal DTD for an existing XML document with at least 5 tags, 3 attributes.	[5]	CO3	2,3,6
Q.4(a)	Write a short note on ASP.NET page life cycle.	[5]	CO2	2,4,5
Q.4(b)	Discuss about validation control in ASP.NET.	[5]	CO2	1,2
Q.5(a)	Discuss in detail about the super global variables in PHP scripting languages.	[5]	CO4	2,4,5
Q.5(b)	Explain the concept of associative array in PHP with relevant PHP code.	[5]	CO4	2,4,5

:23/04/2024:M