

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

**CLASS: BCA
BRANCH: COMPUTER SCIENCE**

**SEMESTER: V
SESSION: MO/2024**

SUBJECT: CA317 INTRODUCTION TO INTERNET TECHNOLOGIES

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)	Define the client process and server process with a suitable example.	[5] 1	1
Q.1(b)	Write down advantages and disadvantages of client server's architecture	[5] 1	2
Q.2(a)	Define frame with proper example and write drawbacks associated with it.	[5] 2	1
Q.2(b)	Distinguish and apply different type of lists in HTML.	[5] 2	4
Q.3(a)	Discuss the XML schema definition and XML DOM.	[5] 3	1,2
Q.3(b)	Explain internal DTD and external DTD with suitable example.	[5] 3	2
Q.4(a)	Discuss Servlets life cycle in detail.	[5] 4	2
Q.4(b)	Write down all the strengths associated with Servlets.	[5] 4	1
Q.5(a)	Discuss the role of Scrollable and Updateable ResultSet.	[5] 5	2
Q.5(b)	Explain page, request, session and application scope of an object in JSP page specification	[5] 5	4

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