DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Regular End Semester Examination – Regular 2023

Course: TY. B.Tech. **Branch: Artificial Intelligence and Data Science.**

Semester :V **Subject Code & Name:** BTAIPE603D Web Development

Max Marks: 60 **Date:17/07/23** **Duration: 3 Hr.**

Instructions to the Students:
1. *All the questions are compulsory.*
2. *The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in ( ) in front of the question.*
3. *Use of non-programmable scientific calculators is allowed.*
4. *Assume suitable data wherever necessary and mention it clearly.*

		(Level/CO)	Marks
Q. 1	**Solve Any Two of the following.**		
A)	What is www? Explain HTTP Request and Response message.	(BT1/CO1)	**6**
B)	Differentiate between HTML & HTML 5.	(BT3/CO1)	**6**
C)	What are the advantages of CSS? Explain types of CSS.	(BT2/CO1)	**6**
Q.2	**Solve Any Two of the following.**		
A)	Describe about Java script. Write 6 features of it.	(BT2/CO2)	**6**
B)	Explain advantage and Enlist disadvantage of JSP over the Servlet.	(BT4/CO2)	**6**
C)	Write short note on DOM. Explain any 3 event handling. in DOM.	(BT3/CO2)	**6**
Q. 3	**Solve Any Two of the following.**		
A)	What is servlet? Explain life cycle of servlet along with diagram.	(BT1/CO3)	**6**
B)	What is XML? Explain how it is different from HTML. Write benefit of it.	(BT3/CO3)	**6**
C)	Describe AJAX. Explain working of it with diagram.	(BT4/CO3)	**6**
Q.4	**Solve Any Two of the following.**		
A)	Differentiate JSP & Servlet.	(BT2/CO4)	**6**
B)	What is web services? Write 6 advantages of it.	(BT2/CO4)	**6**
C)	What is struts? Explain MVC in struts with suitable diagram.	(BT3/CO4)	**6**
Q. 5	**Solve Any Two of the following.**		
A)	What is PHP? Explain its data type & Array in PHP.	(BT2/CO5)	**6**
B)	What are the advantages of ASP.NET? Explain client-side and server side validation in web pages.	(BT2/CO5)	**6**
C)	Explain .NET framework along with suitable diagram. Write Short note on Node JS.	(BT3/CO5)	**6**

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