

Code: 19IT2701A

**IV B.Tech - I Semester – Regular Examinations - DECEMBER 2022****WEB TECHNOLOGIES**  
(Common for CE, EEE)

Duration: 3 hours

Max. Marks: 70

Note: 1. This question paper contains two Parts A and B.

2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.

3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.

4. All parts of Question paper must be answered in one place.

BL – Blooms Level

CO – Course Outcome

**PART – A**

		BL	CO
1. a)	Identify the use of list tag and write its types.	L1	CO1
1. b)	Interpret Internal & External Style class.	L2	CO1
1. c)	Discuss about well formed XML document.	L2	CO1
1. d)	Recall the procedure to define ODBC.	L1	CO3
1. e)	Draw MVC Architecture.	L1	CO1

**PART – B**

			BL	CO	Max. Marks
<b>UNIT-I</b>					
2	a)	Explain important attributes for the following tags i) <body>                      ii) <form> iii) <textarea>                  iv) <iframe>	L2	CO1	6 M

	b)	Interpret the use of frame tag with an example program.	L3	CO1	6 M
<b>OR</b>					
3	a)	Identify the use of a form. Explain form components with example.	L2	CO1	6 M
	b)	Explain table tag with example.	L2	CO1	6 M
<b>UNIT-II</b>					
4	a)	Examine the concept, syntax, typical use of objects in Java script.	L2	CO2	6 M
	b)	Distinguish between alert box and confirmation box. What are escape characters?	L2	CO2	6 M
<b>OR</b>					
5	a)	Explain Mouse events with simple example.	L2	CO2	6 M
	b)	Construct a form for student information. Write Java Script code to find total, average, result and grade.	L3	CO2	6 M
<b>UNIT-III</b>					
6	a)	Associate DTD for the following XML code <orderperson>John Smith</orderperson> <shipto> <name>Ola Nordmann</name> <address>Langgt 23</address> <city>4000 Stavanger</city> <country>Norway</country> </shipto>	L2	CO1	6 M

	b)	Discuss how do you define the elements of an XML document in an XML Schema? Explain how to set default & fixed values for simple elements.	L2	CO1	6 M
<b>OR</b>					
7	a)	Differentiate between XML Schema and DTD.	L2	CO4	6 M
	b)	Illustrate XML DOM with an example program.	L3	CO1	6 M
<b>UNIT-IV</b>					
8	a)	Explain various components of JDBC.	L2	CO1	6 M
	b)	Describe and illustrate the architecture of JDBC.	L2	CO3	6 M
<b>OR</b>					
9	a)	Construct a simple JDBC application to work with databases.	L3	CO5	6 M
	b)	Explain working with Prepared Statement.	L2	CO3	6 M
<b>UNIT-V</b>					
10	a)	Explain Servlet API in detail.	L2	CO1	6 M
	b)	Explain lifecycle of a Servlet. Illustrate with an example program.	L2	CO5	6 M
<b>OR</b>					
11	a)	Explain lifecycle of a JSP.	L2	CO1	6 M
	b)	Analyze the uses of Scripting tags & directive tags in JSP.	L3	CO5	6 M