



III B.Tech I Sem Regular End Examination, January 2022

Web Programming
(IT)
Time: 3 Hours.**Max. Marks: 70**

Note: 1. Question paper consists: Part-A and Part-B.

2. In Part - A, answer all questions which carries 20 marks.

3. In Part - B, answer any one question from each unit.

Each question carries 10 marks and may have a, b as sub questions.

PART- A**(10*2 Marks = 20 Marks)**

1.	a)	What are server side and client-side programming?	2M	C01	BL1
	b)	What do you mean by canvas in HTML 5?	2M	C01	BL1
	c)	What is meant by Polymorphism?	2M	C02	BL1
	d)	What is the difference between process and thread?	2M	C02	BL1
	e)	Mention the purpose of using Inlet Address class?	2M	C03	BL5
	f)	Define sockets? Classify sockets	2M	C03	BL1
	g)	List any four layout manages supported in Java?	2M	C04	BL2
	h)	Compare and contrast between JSP and servlet?	2M	C04	BL3
	i)	Give the rules for well-formed document in XML?	2M	C05	BL2
	j)	State the advantages of ebXML?	2M	C05	BL1

PART- B**(10*5 Marks = 50 Marks)**

2	a)	Describe the data types, functions and objects used in JavaScript with an example.	5M	C01	BL 1
	b)	Write a JavaScript code to change a background color using buttons.	5M	C01	BL 3
OR					
3		Write HTML code which includes table, Hyperlink, character formatting, ordered and unordered list to display your resume.	10M	C01	BL 2
4	a)	Explain any three string handling functions in Java?	5M	C02	BL 1
	b)	Write a java program to sort array of n numbers in ascending order?	5M	C02	BL 3
OR					
5		Give a detailed description for creation of packages in java with an example?	10M	C02	BL 2

6	a)	Write a short note on catching database result?	5M	C03	BL 1
	b)	Differentiate between TCP sockets and UDP sockets?	5M	C03	BL 4
OR					
7		Explain with an example how a java application can access a database using JDBC?	10M	C03	BL 3
8	a)	How to add an image to an applet? Explain with an example	5M	C04	BL 6
	b)	Draw a neat diagram to explain life cycle of servlet?	5M	C04	BL 1
OR					
9		What is HTTP? What are HTTP request and response? Give the limitations of HTTP?	10M	C04	BL 2
10	a)	With suitable example explain how XSLT can be used to transform a document from XML to XHTML?	5M	C05	BL 3
	b)	What is web service? List any four benefits of web services?	5M	C05	BL 2
OR					
11		What is WSDL? Describe the structure of WSDL document in detail?	10M	C05	BL 1

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