Darshan Institute of Engineering & Technology
B.Tech. | Sem-3 | Summer-2024

Course Code	:	2101CS304
Course Name	:	Web Technology

Date	:	22-05-2024
Duration	:	150 Minutes
Total Marks	:	70

Instructions:
1. Attempt all the questions.
2. Figures to the right indicates maximum marks.
3. Make suitable assumptions wherever necessary.

Q.1	**(A)**	Explain alert box in Java Script.	**4**
	(B)	List any 6 array methods in Java Script.	**3**
		OR	
		List any 6 string methods in Java script.	
	(C)	Write a program in JavaScript to print first 10 prime numbers.	**7**
		OR	
		Write a JavaScript program to read an array from the user and print maximum number.	
Q.2	**(A)**	Explain JSX.	**4**
	(B)	Write a short note on functional component.	**3**
		OR	
		Write a short note on class component.	
	(C)	Explain controlled component with example.	**7**
		OR	
		Explain react-router-dom plugin with example.	
Q.3	**(A)**	Explain Node Package Manager.	**4**
	(B)	Write a short note on local modules.	**3**
		OR	
		Write a short note on third party modules.	
	(C)	Create a REST api using mongodb and express to getAll users with UserID, UserName, Password and Image field.	**7**
		OR	
		Create a REST api using mongodb and express to insert user with UserID, UserName, Password and Image field.	

Q.4 **(A)** Explain Hooks in React. **4**

(B) Write a program to perform CRUD operation on a REST API with following fields **10**
→ LaptopID → LaptopName → LaptopImage

OR

Write a program to perform CRUD operation on a RESTAPI with following fields
→MobileID → MobileName →MobileCompany → MobilePrice →MobileImage

Q.5 **(A)** Explain "Path" core module in NodeJS. **4**

(B) Write a program to create RESTAPI to perform CRUD operation with following **10**
fields
→ LaptopID → LaptopName →LaptopImage

OR

Write a program to create RESTAPI to perform CRUD operation with following
fields
→ MobileID → MobileName →MobileCompany → MobilePrice →MobileImage

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