Code: P18CST14

HALL TICKET NUMBER

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)
IV B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH-2023
WEB DEVELOPMENT USING MEAN STACK
(CSE Branch)

Time: 3 hours   Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)
PART-A
Answer **all** the questions in Part-A (**5X2=10M**)

Q.No.		Questions	Marks	CO	KL
1.	a)	Name the command to create new Angular application.	[2M]	1	
	b)	Define Navigation.	[2M]	2	
	c)	List the various datatypes in Node.js	[2M]	3	
	d)	Define the use of Emit() function in Node.Js	[2M]	4	
	e)	Define the basic syntax of find () method	[2M]	5	

PART-B

Answer One Question from each UNIT (5X10=50M)

Q.No.		Questions	Marks	CO	KL
		UNIT-I			
2.	a)	Define one way databinding and Two-way Databinding with neat sketch.	[5M]	1	
	b)	Define Dependency Injection in Angular8 and list its Components.	[5M]	1	
		OR			
3.	a)	Illustrate the use of pipes to display the title text in upper and lower case	[5M]	1	
	b)	Show the interaction between modules and its components in angular8 with neat sketch.	[5M]	1	
		UNIT-II			
4.	a)	Explain the following callback functions (i)next (ii)error (iii) complete	[5M]	2	
	b)	List the UI elements provided by Angular Material Package and briefly explain any two.	[5M]	2	
		OR			
5.	a)	Demonstrate the use of pipe and give the command to create a custom pipe in Angular	[5M]	2	
	b)	Explain the use of the following CLI Commands (i)e2e (ii)generate (iii)lint (iv)serve (v)doc	[5M]	2	
		UNIT-III			
6.	a)	List the core modules in Node.js with description	[5M]	3	
	b)	Illustrate the use of Third-party modules and give some examples.	[5M]	3	
		OR			
7.	a)	Demonstrate the procedure to build a Simple Web Server with Node.js	[5M]	3	
	b)	Name the main functionalities of Node Package Manager (NPM)	[5M]	3	
		UNIT-IV			
8.	a)	Distinguish between Node.js and Express.js	[5M]	4	

	b)	Define the properties of EventEmitter	[5M]	4	
		OR			
9.	a)	Define the use of fs.read() and list out the parameters	[5M]	4	
	b)	List the parameters for the method fs.readdir()	[5M]	4	
		UNIT-V			
10.	a)	Created a collection named Mydb and insert three documents	[5M]	5	
	b)	Explain the use of pretty () Method	[5M]	5	
		OR			
11.	a)	Illustrate the createCollection() Method with example	[5M]	5	
	b)	List some of the data types supported by MongoDB.	[5M]	5	

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