Total No. of Questions : 8]	26	SEAT No. :
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T.E.T. WEB APPLICATION DEVELOPMENT (2019 Pattern) (Semester -II) (414464A)

		(2019 Pattern) (Semester -II) (414464A)	
		[Max. Marks : 7	0
	1)	Answer four questions.	
	2)	Figures to right indicate full marks.	
	3)	Assume suitable data, if necessary.	
4	4)	Neat diagram must be drawn wherever necessary.	
Q 1)	a)	Explain MVC architecture with a suitable diagram, [6]	6]
	b)	List and explain different types of structural directives in Angular. [6]	6]
	c)	What way would you design simple application in typescript to demonstrate the use of modules?	to 6]
		OR	
Q2)	a)	List and explain the features of any three popular web frameworks. [6]	
	b)		nd 6]
	c)	Explain any 2 Hooks in React JS with example.	6]
Q 3)	a)	Write and explain a simple application using REST HTTP Method Al in node JS.	PΙ 6]
	b)		n. 6]
	c)	Write a short note on PM2 microservices.	5]
		OR OF	
Q4)	a)	What is template engine? How to create and use it using Express.JS?[6	6]
	b)	List and explain the features of advanced Mongo DB. [6]	6]
	c)		js 5]

Q 5)	a)	What is jQuery Mobile? Explain Mobile jQuery framework in detail. [6]			
	b)	Explain the mobile devices and desktop devices in detail?	[6]		
	c)	Write a code to create a header and footer in jQuery Mobile.	[6]		
		OR			
Q6)	a)	Explain any 3 events in jQuery Mobile with example?	[6]		
	b)	Compare jQuery with jQuery Mobile.	[6]		
	c)	Explain the concept of Mobile-First design in web development. Explicits significance and benefits in creating responsive and user-frie websites.			
Q 7)	a)	Explain the features and benefits of AWS Cloud.	[6]		
	b)	What is \$3 bucket and how to create a bucket?	[6]		
	c)	Explain the different components of VPC?	[5]		
		OR NO			
Q 8)	a)	What is PuTTY? How to connect EC2 instance with PuTTY?	[6]		
	b)	Explain the process of deploying a website or web application on AW	S.[6]		
	c)	What is Elastic Load Balancer and explain its working.	[5]		
		Solve of the second of the sec	(d):		
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