

HALL TICKET NUMBER

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PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

IV B.TECH I SEMESTER END REGULAR EXAMINATIONS, NOV-2022
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-AAnswer **all** the questions in Part-A (5X2=10M)

Q.No.	Questions	Marks	CO	KL
1.	a) List the key features of Angular 8	[2M]	1	1
	b) Define Routing.	[2M]	2	1
	c) Define REPL	[2M]	3	1
	d) Define the use of require () method	[2M]	4	1
	e) Define the role of profiler in MongoDB	[2M]	5	1

PART-BAnswer **One Question from each UNIT (5X10=50M)**

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	a) Differentiate between ng-show/ng-hide and ng-if directives.	[5M]	1	4
	b) Describe Event Binding and Property binding with suitable example	[5M]	1	4
OR				
3.	a) Compare Structural Directive and Attribute Directive	[5M]	1	2
	b) Illustrate the procedure to create the first app in Angular 8.	[5M]	1	2
UNIT-II				
4.	a) Name some operators provided by Rxjs library to process the data stream	[5M]	2	1
	b) Outline a code to create a simple route	[5M]	2	2
OR				
5.	a) Demonstrate the Wildcard routes with example.	[5M]	2	2
	b) Define Access Route parameters	[5M]	2	1
UNIT-III				
6.	a) Develop the code to Create local module with filename Hello.js	[5M]	3	4
	b) Distinguish between –save and –save-dev in Node.js	[5M]	3	4
OR				
7.	a) Define the use of module.exports in Node.js with syntax	[5M]	3	1
	b) Develop the code to handle HTTP request and response in Node.js	[5M]	3	4
UNIT-IV				
8.	a) Explain the use of the following methods (i) addListener(event, listener) (ii) on(event, listener)	[5M]	4	2
	b) Demonstrate the use routes to serve static files in Node.js	[5M]	4	2
OR				
9.	a) Define the syntax for fs.appendFile() and describe its parameters	[5M]	4	1

	b)	Explain the use of fs.readFileSync() method	[5M]	4	2
UNIT-V					
10.	a)	Illustrate insertOne() method with suitable example	[5M]	5	2
	b)	List the features of MongoDB	[5M]	5	4
OR					
11.	a)	Compare RDBMS and MongoDB	[5M]	5	2
	b)	Demonstrate the use of remove() method in MongoDB	[5M]	5	2
