273 ESE	E_DEC2020_SOCS_B TECH CSE DEVOPS_SEM VII	100 marks	180 minutes					
Insti	Instructions							
Re	Read the instructions provided for every question properly before attempting the answer.							
		_		_				
1. Se	ction - A	5 marks per question	6 display questions	6 maximum answerable				
Q1	MCQ - Single Answer 5 marks	CO1						
In re	In regards to monolithic applications, they are							
	Required to rebuild & redeploy in case of any changes							
	Packaged as a single logical executable							
	Both of the above							
	None of the above							
		Rubrics						
Q2	MCQ - Single Answer 5 marks	CO4						
A web application firewall (WAF) helps to								
	Protect a web application against malicious HTTP traffic							
	Filters, monitors and blocks HTTP traffic to and from a web application							
	Both of the above							
	None of the above							
		Rubrics						
Q3	MCQ - Single Answer 5 marks							
		(co1)						
Which of the following is True regarding SOA?								
_	Follows tight coupling design							
_	SOA applications are independent of any product, vendor or technology							
_	Both of the above							
	None of the above							
		Rubrics						
Q4	MCQ - Single Answer 5 marks	CO2						
-		(302)						

vvn	What are the principles of SOA?								
0	Loose Coupling								
-									
	Service Autonomy								
Q5	MCQ - Single Answer 5 marks	CO3							
In n	In microservices approach , applications are structured as								
	service where each service is self-contained								
	single business capability								
_	a collection of loosely-coupled service								
	All of the above								
		Rubrics							
Q6	MCQ - Single Answer 5 marks	(CO4)							
Data is confidential when only people who are authorized to access it can do so?									
	TRUE								
0	FALSE								
-		D.1.:							
		Rubrics							
2. Se	ection - B	10 marks per question	5 display questions 5 maximum answerable						
2. Se	Scan and/or Upload 10 marks		5 display questions 5 maximum answerable						
Q1		СОЗ							
Q1	Scan and/or Upload 10 marks	CO3 ention different steps to leverage domain driven de							
Q1	Scan and/or Upload 10 marks	СОЗ							
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3. Section -	C		20 marks per question	1 display questions	1 maximum answerable			
Q1	Scan and/or Upload	20 marks	СОЗ					
Explain the different Microservice Architecture Components – Clients, Identity Providers, API Gateway, Messaging Formats, Databases, Static Content, and Management with diagram. Analyze the UBER's Microservice Architecture in detail by providing the problem statement and solution applied. OR Describe Business Process Modelling and its different notations. Analyze the Rainy Day Grocer Microservice Architecture in detail by providing the problem statement and solution applied.								
Rubrics								

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