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Reg. No.:					

(d) Consistency

Question Paper Code: 34205

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Fourth Semester

Computer Science and Engineering

01UCS405 – DATABASE MANAGEMENT SYSTEMS

(Regulation 2013)

	Duration: 1.15 hrs			Maximum: 30 Marks		
		PART A - (6	x 1 = 6 Marks			
	(A	answer any six of the	he following question	s)		
1 users form their requests in a database query language.						
	(a) Naïve	(b) Sophisticated	(c) Specialized	(d) Programmer		
2.	An instance of a relation.	on that satisfies all	real-world constraints	s is called aof		
	(a) logical instance(c) real instance		(b) legal instance(d) perfect instance			
3.	Which SQL statement	is used to extract da	ta from a database?			
	(a) SELECT	(b) OPEN	(c) EXTRACT	(d) GET		
4.	TheSQL computeries at runtime.	ponent of SQL all	lows programs to cor	nstruct and submit SQL		
	(a) Dynamic	(b) Embedded	(c) Static	(d) None of these		
5.	property values to make transact	•	values if failure hap	pens, it restores the old		

(a) Durability (b) Atomicity (c) Isolation

6. A transaction that completes its execution successfully is said to be						
	(a) Committed	(b) Failed	(c) Aborted	(d) Active		
7.	In b-tree the number	of keys in each node is	s than the number	of its children		
	(a) One less	(b) Same	(c) One more	(d) Half		
8.	What is the minimum	number of disks requ	ired for RAID1?			
	(a) 1	(b) 2	(c) 4	(d) 5		
9.	A distributed databas	e has the advantages o	over a centralized databa	ase in		
	(a) Software cst	(a) Software cst		(b) Software complexity		
	(c) Slow response	e	(d) Modular growth			
10.	A distributed database	e has the advantages o	ver a centralized databa	ase in		
	(a) Software cst		(b) Software complexity			
	(c) Slow response		(d) Modular growth			
		PART – B (3 x	8= 24 Marks)			
	(A)	nswer any three of th	e following questions)			
11. Discuss the main characteristics of the database approach			database approach and	how it differs		
	from traditional f	ile systems.		(8		
12.	What are the bas diagram.	What are the basic steps in query processing? Illustrate your answer with a sui diagram.				
13.	_	s. List all possible se	equences of states throu			
14	. Describe the conclevels.	epts upon which RAI	D is built. Define and c	ompare different RAII (8)		
15.	Write short notes	on association rules o	f data mining.	(8)		