Seat No. : _____

NE-129

December-2015

4th Year M.Sc. (CA & IT)

Advanced Database Management Systems

Time : 3 Hours]

[Max. Marks : 100

NE-129			1 P.T	. O .
		(5)	Explain goals of database tunning.	
		(4)	What do you mean by account level privilege ?	
		(2) (3)	What is polyinstantiation ?	
		(1) (2)	What is polyinstantiation ?	
	(0)	(1)	Explain cipher text in encryption	IV
	(h)	Answer the following · 10		
		(2)	Explain the use of GRANT and REVOKE options with example.	
		(1)	What is loss of confidentiality in database ? Explain four types of countermeasures against loss of confidentiality.	•
2.	(a)	Answer any one :		10
	(c)	Defi	ne : Database Designers.	1
		(4)	Explain Form Based interface for DBMS.	
		(3)	Explain primary and secondary memory.	
		(2)	Explain all three database states.	
		(1)	What is the responsibility of Stored Data Manager (SDM) in DBMS component modules ?	
	(b)	Ansv	wer the following : (any 3)	9
		(5)	Cache memory	
		(4)	Naive User	
		(3)	High level Language	
		(2)	Snapshot	
		(1)	Schema	
1.	(a)	Define the following :		

3.	(a)	Answer the following :				
		(1) Explain In-place updating and shadowing ?				
		(2)	What is fuzzy check pointing ? What are the actions taken at a check point ?	'		
		(3)	Explain transaction and cascading rollback.			
		(4)	Explain the procedure for choosing a new coordinator site in case of failure.			
	(b)	Defi	ne : Dense and Non-Dense Index.	4		
4.	Ans	wer th	the following : (any 4)	20		
	(1)	Exp	ain point events and duration events.			
	(2)	2) Write and explain all types of spatial queries.				
	(3)) Write advantages of Distributed DBMS.				
	(4)	Write and explain types of autonomy in DDBMS.				
	(5)	Explain horizontal and vertical fragmentation in DDBMS.				
5.	(a)	Defi	ne the following : (any 5)	10		
		(1)	Base Stations			
		(2)	Geographic mobility domain			
		(3)	Access contiguity			
		(4)	Dozing			
		(5)	Broadcasting			
		(6)	MANET			
	(b)	Answer the following :				
		(1)	Explain functionality for mobile database.			
		(2)	What do you mean by Genetics ? Explain types of genetics.			