25								GEMENT SY	STEM.	0-1-4	
gr	1BSC	- (comp	Sci	USC	15304	Se	III-M	O.P.	20/7 Code: 23721	
	4-11		7	Data	base	Mar	lager	stem			
4					(2	½ Hours)	0 54	stem	I	otal Marks: 75]	
		2) F 3) I	llustratio	the rightns, in-de	nt indic	ate marks	diagrams	s will be ap	preciated.		
	Q. 1 (a)		tempt All			-					M
		i	Trigger	S	ena	bled or dis	abled				a T
			a] Can	be	b] C	annot be					
			c] Ougl	nt to be	d] Al	lways					
		ii	a] PL/S c] Adv	ssing por SQL anced S	wer of l	Procedural b] SQL d] PQL	languag			ith the data	
		iii	Which a] Aton	707	20 0 Marian 20	g is not a p Concurren		of transacti	ons?		
			c] Isola	tion	d]	Durability	RC 182 T		200 es 11		
		iv	a] Sav c] Rol	ed led	b] Lo d] C	ommitted			action B al	so requests	
			for a s	hared lo	ck on F	2.					
			a] It w	ill resul	t in a de	eadlock sit	uation				
			b] It w	/ill imm	ediately	be rejecte	ed.	+			
			c] It v	vill imm	ediatel	y be grante	ed				
			d] It w	ill be gr	anted a	is soon as i	it is relea	ised by A			
		(D) Poi i T ii T iii	ROP SE inters, Re o drop a he	place, R specific states are use	ecovery sequent check to recovery	quence_nary y measures ce we have anges the create if tri of	me, Dans, commise to enter control vingger aire	tted, Comp r following within a PL/ eady exists.	Languag leted) syntax/SQL Block	e, Cursors,	
		(D) Poi i T ii T iii	ROP SE inters, Re o drop a he	place, R specific states are use	ecovery sequent check to recovery	quence_nary y measures ce we have anges the create if tri of	me, Dans, commise to enter control vingger aire	ta Control tted, Comp r following within a PL	Languag leted) syntax/SQL Block	e, Cursors,	

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(c)	Explain the following in one or two line	
. ,	i How to view stored procedure?	
	ii How to alter a sequence?	
	iii Give syntax of anonymous PL/SQL block.	
	iv What is a SAVEPONT?	
	v What REVOKE command does?	
Q. 2	Attempt the following (Any THREE)	(15M)
(a) -	Explain insert, update trigger with an example and the second of the sec	
(b)	Define Index. What do you mean by primary and secondary index?	
(c)	Explain sequential file organization.	S. C. C.
(d)	Write a short note on sequence along with an example.	
(e)	How to create and execute stored procedure?	
(f)	Explain with an example how will you drop an index in the database.	
	223,366,252,250,000	
Q. 3	Attempt the following (Any THREE)	(15M)
(a)	State how to write, call and execute the function from a PE/SQL block along	
` '	with an example.	
(b)	Write PL/SQL blocks to print sum of odd numbers between 1 to 30.	
(c)	Write a short note on loop and exit statement.	
(d)	Explain IF-THEN statement with an example.	
(e)	Write an block in PL/SQL to explain GOTO statement	
(f)	Find out the similarities and differences between loop end loop and while	
	statement.	
Q. 4	Attempt the following (Any THREE)	(15)
(a)	What is Serializability? Write a note on view serializability?	
(b)	Describe AGID properties for transaction.	a Wall
(c) =	Define COMMIT and SAVEPOINT commands along with an example.	
(d) 80	Write a note on two phase locking protocol.	
(6) 3	Explain two phase Commit protocol.	
SUL SUL	Explain undo and redo phase in Aries algorithm.	
2006		
0.5	Attempt the following (Any THREE)	(15)
(8) 3	Explain how to create a trigger with an example.	
(h)	OList advantages of PL/SQL	
600.5	How to make permanent changes to database. Explain	
1815	Explain Timestamp based protocol. What is write shead log protocol? Explain with example	

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