SYBSO	ン (compr su	Long Mana	Sem-III	Q.P. Code: 2372	21 K
44-1	1-13	7 Daya	US CS 304 Jase Mana (21/2 Hours)	system	[Total Marks: 7	75]
N.B.	2) F 3) II	lustrations, in-de	compulsory. It indicate marks. Epth answers and dia stions is not allowed		preciated.	
Q. 1 (a)	Attempt All(Each of 5Marks) (15M) Choose the Correct Alternative					
	i	Triggers	enabled or disab	led		
		a] Can be	b] Cannot be			b
		c] Ought to be	d] Always			
	ii iii	processing pov a] PL/SQL c] Advanced So	ombines the data ma wer of Procedural la b] SQL QL d] PQL b] Concurrency	nguages. perty of transaction	of SQL with the data	
		c] Isolation	d] Durability			
	iv v	a] Saved c] Rolled	d] Committed		iction B also requests	
		for a shared lo	ck on R.			
	∃ 	a] It will result	t in a deadlock situa	tion		
	u.	b] It will imme	ediately be rejected			
	or .	c] It will imm	ediately be granted			
	<u>.</u>	d] It will be gr	anted as soon as it is	s released by A		
(b)	(DI Poi i T ii T iii	ROP SEQUENCE nters, Replace, Resolution o drop a specific he statem are use Checkpoints are	sequence we have to nent changes the con ed to recreate if trigg a part of	ommitted, Complete on the committed of the committed of the complete of the committed of th	Language, Cursors, eted) syntax	

S0133 / S2005 DATABASE MANAGEMENT SYSTEM.

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Explain the following in one or two line (c) How to view stored procedure? How to alter a sequence? Give syntax of anonymous PL/SQL block. What is a SAVEPONT? What REVOKE command does? Attempt the following (Any THREE) Q. 2 Explain insert, update trigger with an example. (a) · Define Index. What do you mean by primary and secondary inde (b) Explain sequential file organization. (c) Write a short note on sequence along with an example. (d) How to create and execute stored procedure? (e) Explain with an example how will you drop an index in the database. (f) Attempt the following (Any THREE) (15M)Q. 3 State how to write, call and execute the function from a PL/SQL block along (a) with an example. Write PL/SQL blocksto print sum of odd numbers between 1 to 30 (b) Write a short note on loop and exit statement. (c) Explain IF-THEN statement with an example. (d) Write an block in PL/SQL to explain GOTO statement s. (e) Find out the similarities and differences between loop ... end loop and while (f) statement: Attempt the following (Any THREE) (15)Q. 4 What is Serializability? Write a note on view serializability? (a) Describe AGID properties for transaction. (b) Define COMMIT and SAVEPOINT commands along with an example. Write a note on two phase locking protocol. Explain two phase Commit protocol. Explain undo and redo phase in Aries algorithm. 5 Attempt the following (Any THREE) (15)Explain how to create a trigger with an example. b) SQList advantages of PL/SQL How to make permanent changes to database. Explain d) Explain Timestamp based protocol. What is write-ahead log protocol? Explain with example