No. of Printed Pages: 02

[A-14]

Q.1

SARDAR PATEL UNIVERSITY M.Sc.IT Examination, 4th Semester Thursday, 30th April, 2015. Time: 10:30 A.M to 01:30 P.M Subject Code: PS04CHT04

	Subject: Relational Database Management System-II
Multi	ple Choice Questions Total Marks: 70 [10]
1.	A relation is said to be in 1NF if (a) there is no duplication of data (b) there are no composite attributes in the relation (c) there are only a few composite attributes (d) all attributes are of uniform type
2.	The process of normalization (a) is automatic using a computer program. (b) requires one to understand dependency between attributes. (c) is manual and requires semantic information. (d) is finding the key of a relation.
3.	In which control structure, no need to declare to memory variable? (a) if (b) while (c) for (d) None of these
4.	A marks a sequence of statements that has to be repeated. (a) End (b) Loop (c) Continue (d) goto
5.	A is Execute automatically when an associated DML statement is executed. (a) procedure (b) function (c) trigger (d) replace
6.	A can must have return statement. (a) Function (b) procedure (c) trigger (d) none of this
7.	A is an oracle object, which holds other objects in it. (a) trigger (b) procedure (c) function (d) package
8.	Fetch statement retrieves rows at a time. (a) one (b) two (c) three (d) more than three
9.	Data stored in a cursor is known as (a) implicit cursor (b) Active data set (c) current data set (d) none of these
10.	Which command to execute the procedure. (a) EXECUTE procedure_name (b) a % h both (d) none of this

Q.2	Shor	t Questions (Any Ten)	[20]
		1. What is the need of normalization?	[]
		2. List out the parameter of Procedure.	
		3. What is Transitive Dependencies explain with Example.	
		4. List out the consequences of poor database design.	
		5. What is Package? List Part of Package?	
		6. Explain row level and statement level trigger.	
		7. Write Advantages of PL/SQL.	
		8. Define: %type and %rowtype.	
		9. Explain Case statement in brief.	
		10. Differentiate between implicit cursor and explicit cursors.	
		11. Explain the use of EXIT WHEN in brief	
		12. List Explicit/Implicit cursor attributes.	
Q.3	a)	What is Normalization? Explain 1 st normal form with example.	[6]
	b)	Explain BCNF in detail?	[4]
		OR	
Q.3	a)	What is Normalization? Explain 2 nd normal form.,with Example.	[6]
2.0	b)	Explain 3 rd Normal with suitable example.	[4]
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Q.4	a)	Explain Iterative control AND	[6]
	b)	PL/SQL block structure In detail.	[4]
		OR	
Q.4	a)	Explain basic data types.	[4]
	b)	Explain conditional control with syntax and example.	[6]
Q.5	a)	Write note on pre-determined internal PL/SQL exceptions with example.	[6]
	b)	Explain following statements for explicit cursors:	[4]
		(a)open b) fetch.	
		OR	
Q.5	a)	List and explain explicit cursor attributed with suitable example.	[6]
Q.5	b)	Explain Cursor For Loop with example.	[4]
	0)	Explain Carsol For Boop with example.	נין
Q.6		What is trigger? List various types of trigger And explain how to create	
		trigger with appropriate syntax and example.	[10]
		OR	
Q.6		What is procedure and functions? Explain procedure and function with	
		syntax and suitable example.	[10]

All the Best