C. U. SHAH UNIVERSITY **Summer Examination-2022**

Subject Name: Advanced Database Management System

Subject Code: 4CS06IDB1				Branch: B.Sc.I.T.			
Semes	ster: 6	Date: 04/05/2022		Time: 02:30 To 05	5:30	Marks: 70	
(2) (3)	Use of PrograInstructions vDraw neat dia	ammable calculator written on main ansv agrams and figures (ver book ar	e strictly to be obey	-	pited.	
(4)) Assume suita	ble data if needed.					
-	-	owing questions: al Model' of datab	ase was in	troduced by:		(14)	
	i) Dr. K. J. M	-	·	Dr. E. F. Codd			
	ii) Dr. K. V. R	-	,	None of above			
b)	SQL commands can be written in mixed case (Upper Case + Lower Case)						
``	i) True	ii) False) Always Capital	iv) Alwa	ys Small	
c)	DISTINCT option may be used to:						
	i) Remove Duplicate Columns			iii) Remove Duplicate Rows			
•	ii) Remove Duplicate Tables iv) Remove Duplicate Constraints Using 'LIKE' operator, we may compare single character with						
d)	0		-				
	i) _(Undersc		iii)	\$	iv) ^		
e)		DML Statements?	•••	G . T. 1.1		D	
•						e Database	
f)	-			•		о. т.	
``	i) Cross Join	ii) Left Oute	,	Self Join	1V) Full (Outer Join	
	To make view updatable, it just Contain:						
	i) Primary Key Column			iii) ALL Not Null Columns			
	ii) None of aboveiv) Both of aboveThe sequence object always generates:						
h)					· •	7 - 1	
•\	· ·	Values ii) Charac		iii) Data	iv) Any V		
i)		ybody to access sol	•		-		
•	/	ii) System		,	1V) All 01	above	
j)	Which part of PL/SQL block is Mandatory?						
	i) Declaration Section			iii) Execution Section			
1)	ii) Exception Section iv) All of above						
k)	FETCH statement is required in:						
	i) Implicit Cursor			Cursor FORLC	ЮР		
	ii) Simple Explicit Cursor		1V)	None of above			



l)	Which type of trigger will be fired first – when event occurs?i) Before – Statement Leveliii) Before – Row Level	
	ii) Both of above iv) Cannot Say	
m)	Exception can be raised using:	
	i) Raise Statement iii) Raise_Application_Error	
	ii) None of above iv) Both of above	
n)	Which of the following are not explicit cursors attributes?	
	i) %FOUND iii) %NOTFOUND iii) Both of above iv) None of above	ve
Attem	pt any four questions from Q-2 to Q-8	
Q-2 A	ttempt all questions	(14)
a)	Explain any five Numeric functions.	(05)
b)	Explain any five String functions	(05)
c)	Explain update SQL statement with example	(04)
Q-3 A	ttempt all questions	(14)
	What is RDBMS? Explain DBMS VS RDBMS	(05)
b)	What is Join? Explain inner join with example	(05)
c)	Differentiate: SQL VS SQL*PLUS.	(04)
Q-4 A	ttempt all questions	(14)
a)	Explain various constraints available in oracle	(05)
,	Discuss view with suitable example.	(05)
c)	Explain group by and having clause with an example	(04)
Q-5 A	ttempt all questions	(14)
a)	What is Sequence? Explain with example	(05)
b)	Explain DML Locks and DDL Locks.	(05)
c)	What is Privilege? Explain Grant and Revoke in detail	(04)
•	ttempt all questions	(14)
	Explain PL/SQL block structure with example	(07)
b)	What is Cursor? Explain implicit cursor with an example	(07)
-	ttempt all questions	(14)
a)	Write a note on Package	(05)
b)	Explain Trigger with example	(05)
c)	Explain Nested Table in details	(04)
	ttempt all questions	(14)
	Explain Oracle Instance Architecture in detail	(07)
b)	Define the meaning of backup and recovery. List out different types of backup and explain each briefly	(07)

