Seat No. _____

HAL-003-2043003

B. Sc. (Sem. III) (CBCS) (W.E.F. 2019)
Examination
June - 2023
CS-15 : RDBMS Using Oracle

Faculty Code : 003
Subject Code : 2043003

Time : $2\frac{1}{2}$ / Total Marks : **70**

1	(a)	Objective type questions :	**4**
		(1) Full form of RDBMS.	
		(2) What is constraints ?	
		(3) Explain one to one relationship.	
		(4) Full form of DCL.	
	(b)	Attempt the following : (any 1 out of 2)	**2**
		(1) List Dr. E.F. Codd rules.	
		(2) Explain Normalization.	
	(c)	Attempt the following : (any 1 out of 2)	**3**
		(1) Explain Data types in oracle.	
		(2) Explain operators.	
	(d)	Attempt the following : (any 1 out of 2)	**5**
		(1) Explain SQL*Plus Formatting Command.	
		(2) Give difference between SQL and SQL*PLUS	

2	(a)	Objective type questions :	**4**
		(1) Explain truncate command.	
		(2) Explain alter command.	
		(3) What is use of decode () ?	
		(4) What is use of concat () ?	
	(b)	Attempt the following : (any 1 out of 2)	**2**
		(1) Explain ROLLUP and CUBE.	
		(2) Explain BETWEEN operator.	

(c) Attempt the following : (any 1 out of 2)   **3**
 (1) Explain insert, update and delete command.
 (2) Explain minus, intersect, union.

(d) Attempt the following : (any 1 out of 2)   **5**
 (1) What is Join ? Explain its types in detail.
 (2) Explain Date Functions (any three) with suitable example.

3 (a) Objective type questions :   **4**
 (1) What is Latches ?
 (2) What is View ?
 (3) What is use of savepoint ?
 (4) What is Transaction ?

(b) Attempt the following : (any 1 out of 2)   **2**
 (1) Explain creating user and role.
 (2) Explain Snapshot.

(c) Attempt the following : (any 1 out of 2)   **3**
 (1) Explain Lock Types.
 (2) Explain Synonyms.

(d) Attempt the following : (any 1 out of 2)   **5**
 (1) What is Index ? Explain its types in detail.
 (2) Explain Database Links.

4 (a) Objective type questions :   **4**
 (1) What is Nested Tables ?
 (2) What is Trigger ?
 (3) List types of parameters, when you creat a procedure or function.
 (4) PL/SQL _____ is a logical grouping of a related subprogram (procedure/function) into a single element.

(b) Attempt the following : (any 1 out of 2)   **2**
 (1) Explain % TYPE and %ROWTYPE.
 (2) Give differentiate : SQL v/s PL/SQL.

(c) Attempt the following : (any 1 out of 2)   **3**
 (1) Explain PL/SQL Block structure.
 (2) Explain varray.

(d) Attempt the following : (any 1 out of 2)   **5**
 (1) Explain different Looping Statements in PL/SQL with examples.
 (2) Write a note on cursor.

5 (a) Objective type questions : **4**
(1) Full form of SGA.
(2) What is Import ?
(3) What is Tablespace?
(4) full form of RBS.

(b) Attempt the following: (any 1 out of 2) **2**
(1) Explain Opening and shutdown database.
(2) Explain Oracle Blocks

(c) Attmept the following : (any 1 out of 2) **3**
(1) Explain Scheduling Jobs with Oracle Scheduler.
(2) Explain Import and Export.

(d) Attempt the following : (any 1 out of 2) **5**
(1) Write a note on SQL*Loader.
(2) Explain Database Background Process.

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