



**PBC-003-003310**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. III) (CBCS) Examination**

**November / December - 2018**

**CS - 15 : RDBMS Using Oracle**

*(New Course)*

**Faculty Code : 003**

**Subject Code : 003310**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

**1 Answer the following : 20**

- (1) In E-R Diagram Entity Represented by \_\_\_\_\_.
- (2) How many Primary key allowed per table ?
- (3) Full Form of DCL.
- (4) Long Row data type can hold \_\_\_\_\_ data.
- (5) What is Net 8 ?
- (6) What is full form of SGA ?
- (7) What is full form of ADS ?
- (8) Which TCL statements undo all data changes in the current transaction ?
- (9) How many character hold in varchar2 data type ?
- (10) What is full form of PGA ?
- (11) After a table is created which command is used to modify its structure ?
- (12) Which Operator is called range searching Operator ?
- (13) Difference between Drop and Delete.
- (14) What is Snapshot ?
- (15) If we don't want to null any row than which constraint we should apply ?
- (16) Which query is used to display structure of table ?
- (17) What is full form of DBMS & RDBMS ?
- (18) What is the effect of Truncate Command ?
- (19) List out types of cursor.
- (20) What is the command for start Creating Block in PL/SQL ?

- 2 (A) Attempt Any **Three** : 6
- (1) Write a note on E-R model.
  - (2) Difference between DBMS & RDBMS.
  - (3) Difference between SQL & SQL\*PLUS.
  - (4) Explain Creating table, Grant, Revoke.
  - (5) Explain Group By clause and Having clause.
  - (6) Define Listener & Dispatcher.
- (B) Attempt Any **Three** : 9
- (1) List Out different type of constraint. Explain any one.
  - (2) What is Package ? Explain it.
  - (3) Explain Commit, Rollback, Savepoint with Syntax and Example.
  - (4) Explain View in detail.
  - (5) What is SubQuery ? Explain Different type of SubQuery.
  - (6) Explain For...Loop with example.
- (C) Attempt Any **Two** : 10
- (1) What is Join ? List out its type & Explain type of Join.
  - (2) What is Index ? Explain type of Index.
  - (3) Explain Nested table and VARRAY.
  - (4) Write a note on cursor.
  - (5) Explain Pattern Matching Operator with example.
- 3 (A) Attempt Any **Three** : 6
- (1) List out Oracle data type. Explain Any Two.
  - (2) Explain %TYPE and %ROWTYPE.
  - (3) Explain Data files.
  - (4) Explain Role.
  - (5) Explain Control file.
  - (6) Why use Net 8 ?
- (B) Attempt Any **Three** : 9
- (1) Explain this Functions  
1)-To - Char 2)-Substr 3)-Add - months
  - (2) Explain unique key and check constraint with suitable Example.
  - (3) Explain Data-type in oracle.
  - (4) Explain Package.
  - (5) Explain PMON & SMON.
  - (6) Explain Net 8 Features.
- (C) Attempt Any **Two** : 10
- (1) Explain Instance Architecture
  - (2) What is Backup & Recovery ? Explain it in detail.
  - (3) Explain sequence in detail.
  - (4) Explain Trigger in details.
  - (5) Write a PL/SQL code block for Fibonacci series.