



NAM-003-001626 Seat No. _____

Third Year B. Sc. (Sem. VI) (CBCS) Examination

March / April - 2017

CA-601 : Oracle

Faculty Code : 003

Subject Code : 001626

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

[Total Marks : 70

SECTION - I

Answer the short answer questions :

20

- (1) Who has coined 'Relational Model'?
- (2) In which language Oracle has been developed?
- (3) Data entered by user is usually validated by
- (4) How many types of relationships are there in RDBMS ?
- (5) What is the use of Normalization?
- (6) Which is the highest level of Normalization?
- (7) Who is the owner of Data Dictionary?
- (8) The query is processed by
- (9) What represent the entity relationship set in E-R diagram?
- (10) Which are the commands are used to execute the last buffered command?
- (11) What is the symbol of concatenation operator?
- (12) The Inner join is also known as
- (13) Which is the pseudo-column in the Oracle Table?
- (14) DML stands for?
- (15) Select * from Tab - command displays
- (16) When the 'In' operator returns true?
- (17) What is the use of Distinct Option?
- (18) How can to identify the status of the cursor?
- (19) Which type of trigger will be fired first-when event occurs ?
- (20) What returns %ROWCOUNT ?

SECTION - II

- 1 (a) Define the following : (any **three**) **6**
- (1) Database.
 - (2) Server
 - (3) Primary Key
 - (4) Schema
 - (5) Data Dictionary
 - (6) Attributes
- (b) Answer the following Questions : (any **three**) **9**
- (1) Differentiate between DBMS and RDBMS.
 - (2) Write any few Oracle Features.
 - (3) Difference between SQL and SQL*PLUS.
 - (4) What are the advantages of Constraints ?
 - (5) Explain GROUP BY CLAUSE.
 - (6) What are the uses of Like Operator ?
- (c) Answer the following Questions : (any **two**) **10**
- (1) Explain Relational Data Model with example.
 - (2) What is the role of Client and server in Databases ?
 - (3) Explain DML statements with Example.
 - (4) Write a short note on Normalization.
 - (5) What is Operator? Discuss the operators IN, LIKE, BETWEEN and EXISTS.
- 2 (a) Answer the following Questions : (any **three**) **6**
- (1) Define Tables
 - (2) Define RDBMS
 - (3) What is DUAL? How it is useful?
 - (4) Define Foreign Key
 - (5) Define PL/SQL
 - (6) Define Exceptions.

(b) Answer the following Questions : (any **three**) **9**

- (1) Explain Create Table Command with Example.
- (2) Discuss Self Join and Cross Join with Example.
- (3) What is Sub-Query? Explain with Example.
- (4) Differentiate : Truncate Table v/s Delete.
- (5) How the Column Level constraints is different from the Table Level constraints? Illustrate with Example.
- (6) What is the use of '&' and '&&' in SQL* Plus command.

(c) Answer for following : (any **two**) **10**

- (1) What are the components of PL/SQL Block? Explain with example.
- (2) List out various iterative structures available in PL/SQL. Discuss any, one in detail.
- (3) Discuss %Type and % Rowtype attribute with Example.
- (4) What is Implicit Cursor? Differentiate Explicit cursor v/s Implicit Cursor.
- (5) What is Package? List out various components of package and discuss them in detail.
