

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)  
**BCom DEGREE EXAMINATION MAY 2018**  
(Fourth Semester)

**Branch - e-COMMERCE**

**RDBMS AND ORACLE**

Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks!)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks

(10 x 2 = 20)

What is a composite key?

What is normalization?

What does the oracle 9i environment provide?

Define primary key constraint.

How do you insert values for the columns in a record?

Write a note Anathematic operations.

Write a note on Explicit cursor.

Define user-defined exceptions.

Define composite data types.

What is a procedure?

**SECTION - B (25 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks (5 x 5 = 25)

Explain any five operations in relational algebra.

OR

Write a short note on Normal forms.

Write about SQL \* PLUS commands.

OR

Discuss the following briefly with an example :

(i) Dropping a table (ii) Renaming a table.

Explain 'WHERE' clause with an examole.

OR

Write a short note on grouping of data.

Name four standard scalar data types used in PL / SQL.. When is each type used for variables?

OR

Explain Transaction control statement of PL/SQL.

What are arrays? How are arrays declared? How are the PL/SQL elements referenced.

OR

What are Triggers?

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks (3 x 10 = 30)

Write a short note on

(i) Database (ii) Relationship (iii) DBMS

Discuss the different constraints used in a oracle.

Explain in detail about the retrieval of data from a table.

What is a cursor? How is it declared and used? Explain.

What are the benefits of using a package? Describe two parts of a package and