

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2018
(Third Semester)

Branch -**SOFTWARE SYSTEMS**
(Five year integrated)

RELATIONAL DATABASE MANAGEMENT SYSTEM

Time: Three Hours

Maximum: 75 Marks

SECTION -A (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks (5 x 6 = 30)

- 1 a Briefly discuss about the purpose of the Database Systems.
OR
b What is the primary goal of the Database? Discuss about the Database users and Administrators.
- 2 a Write short notes about the relational operations in detail.
OR
b What is normal form? Explain Boyce - Coded normal form.
- 3 a Explain about the Data Manipulation in Database Management Systems.
OR
b Write short notes about the Logical Operations.
- 4 a Discuss in detail about the Granting and Revoking the permission.
OR
b What is PL / SQL? Write the syntax of PI / SQL.
- 5 a List down the advantages of Functions.
OR
b Write a PL SQL block for before insert trigger on table 'student' having the column like sname, rollno and marks.

SECTION -B (45 Marks)

Answer any **THREE** questions

ALL questions carry **EQUAL** Marks (3 x 15 = 45)

- 6 Explain in detail about the Database Languages. N ·
- 7 Briefly discuss about the Entity - Relationship model in detail.
- 8 Write a detail notes about the various types of Joins with example.
- 9 What is View? Explain with suitable example.
- 10 Discuss about the various types of Triggers in detail.