PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 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   Comment on data, information, database and role of database system.
                OR
  b   Compare and contrast DBMS with RDBMS.

2   a   Discuss the effect of all constraints on a Table.
                OR
  b   Discuss on Relational operations.

3   a   With proper syntax, give all date manipulation function.
                OR
  b   Discuss the concept of sub quires on a table.

4   a   Create a sequence for automatic serial no creation.
                OR
  b   How will you give the granting and revoking the permission on a table for the user?

5   a   Comment on stored procedure and stored function.
                OR
  b   Enumerate on types of triggers.

SECTION -B (45 Marks)
Answer any THREE questions
ALL questions carry EQUAL Marks   (3 x 15 = 45)

6   Explain in detail Database design models.

7   Normalization is playing major role in database design. Justify your Answer.

8   Create a table to maintain the details of Fruit Juice in a 'AALA Fruit Juice Corner'.   (3)
Write SQL for the following :
    (i)   Display the details of apple juice.   (3)
    (ii)   Give the cost of one juice reduction for the customer who is purchasing five fruit juices.   (3)
    (iii)   Change the rate of orange juice.   (3)
    (iv)   Remove the juice details in today list, for those juice with their status 'NA'.   (3)

9   Explain the cursor management to access the table contents.

10   Create a trigger to give restriction when the admin is trying to remove the records with 'permanent' status in a customers table.

Z-Z-Z   END