PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024
(Third Semester)

Branch – **COMPUTER TECHNOLOGY**

DATA BASE MANAGEMENT CONCEPTS

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1   A collection of operations that performs a single logical function is called
   (i)   Interaction   (ii) Transaction
   (iii) Transformation   (iv) Condition Operation

2   What is the Command to change the column name?
   (i)   CHANGE   (ii) MODIFY
   (iii) RENAME   (iv) ALTER

3   Aggregate / group functions can appear in SELECT lists and
   (i)   HAVING Clause   (ii) GROUP BY Clause
   (iii) WHERE Clause   (iv) Both (i) and (ii)

4   What is the name of stored program which are automatically executed or fired when some event occurs?
   (i)   Triggers   (ii) Indexes
   (iii) Functions   (iv) Views

5   Identify the special type of UPDATE Command in MongoDB
   (i)   Upsert   (ii) Modifest
   (iii) Batch Insert   (iv) None of these

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6   a)   Narrate Instances and Schemas in Data Bases.
                OR
    b)   Describe the purpose of Normalization.

7   a)   How to Insert Data into the tables? Explain.
                OR
    b)   Specify how to remove tables from data Bases in Oracle SQL?

8   a)   Prepare a note on Sub Queries.
                OR
    b)   How to create Sequences in SQL?

9   a)   Show how to delete a Stored Functions in SQL.
                OR
    b)   What is the usage of Triggers?

10   a)   Point out the four basic operation with the Shell in MongoDB.
                OR
    b)   How can Update multiple documents in MongoDB?

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a) Categorize the different types of data Base Users.
OR
   b) Enumerate the different Constraints in ER model.

12 a) Summarize the various SELECTION statements in Oracle SQL.
OR
   b) Demonstrate the modification of the Tables in Oracle.

13 a) Classify UNION, INTERSECTION and MINUS in SQL.
OR
   b) Examine how the Permission are Granted in SQL.

14 a) Distinguish Stored Functions with Stored procedures.
OR
   b) Describe the deletion of Triggers in Oracle DB.

15 a) Elaborate how to use the Shell in command line of MongoDB.
OR
   b) Infer how powerful operations are performed using Cursors.

Z-Z-Z   END