Bachelor of Science (B.Sc.) (Data Science) Semester-III Examination

3DST02—DATABASE MANAGEMENT SYSTEM

Paper-2

Time : Three Hours] [Maximum Marks : 80

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (A) Give syntax of SELECT statement and give one suitable example.   8

   (B) What do you mean by Built-in function in DBMS ? Explain in detail with an examples.   8

   OR

   (C) Explain DDL statements in detail. Give syntax and examples.   8

   (D) Write notes on :

   (i) Viewing Integrity constraints

   (ii) Adding and dropping constraints.   8

EITHER

2. (A) Explain Iterative statements in detail with example.   8

   (B) What is view ? Explain updation and deletion of data using views.   8

   OR

   (C) Explain operators and expressions with example.   8

   (D) Explain different types of views in detail.   8

EITHER

3. (A) What is cursor ? Explain cursor in detail with example.   8

   (B) Define exception handling. Explain exception handling in detail.   8

   OR

   (C) Differentiate between cursors and procedures.   8

   (D) Write notes on :

   (i) Predefined exception

   (ii) User defined exception.   8

EITHER

4. (A) What is function ? Explain in detail purity levels in function. 8

   (B) What are Trigger predicates ? Explain it with suitable example. 8

   OR

   (C) Write notes on :

       (i) Before and After trigger

       (ii) Dropping trigger. 8

   (D) What are the problems on function and triggers ? Explain. 8

5. (A) Write note on TCL statements. 4

   (B) Explain PL/SQL data types. 4

   (C) What do you mean by calling procedures ? Explain. 4

   (D) Explain the terms Inserting, Updating and Deleting triggers. 4