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DMI-ST.EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022

SEM: IV 351CS45 RELATIONAL DATABASE MANAGEMENT SYSTEM

Time: 3 Hours

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) Illustrate the classification of database management system. [12 marks]
b) Define database. [2 marks]
c) Discuss about the characteristic of database approach. [6 marks]
2. a) Explain the types of entity with a neat diagram and example.[8 marks]
b) Write short notes on ER-Diagram.[8 marks]
c) Create a table which contain the detail of five students marks.[4 marks]
3. a) Briefly explain about operators with an example.[10 marks]
b) Describe about subqueries and give its syntax with an example.[8 marks]
c) Expand DDL and TCL commands. [2 marks]
4. a) Differentiate procedure and function with examples.[8 marks]
b) Write down the syntax of trigger and explain it.[6 marks]
c) Explain the concept of cursor with its types.[6 marks]
5. a) Define Normalization.[2 marks]
b) Explain Boyce-codd normal form. [10 marks]
c) Write short notes on third normal form[8 marks]
6. a) Write down the syntax of creating and dropping view with example.[8 marks]
b) Illustrate the data types with an example.[10 marks]
c) Mention the use of DML statements.[2 marks]
7. a) Illustrate the three-schema architecture with a neat sketch. [12 marks]
b) Write down the application of database. [6 marks]
c) What is meant by database users. [2 marks].