

ADIKAVI NANNAYA UNIVERSITY

At the End of Fifth Semester (CBCS Pattern)

Degree Examination

NOVEMBER 2019

Computer Applications - V (A)

DATA BASE MANAGEMENT SYSTEMS

(Common for B.A. (CA), B.Sc. (CS), B.Sc. (CA))

Time : 3 Hours

Max : 75 Mark

Section A (5 × 5 = 25 Marks)

Answer any five questions.

1. Write about the drawbacks in file based system.
2. Write about entity clusters.
3. Write about CODD rules.
4. Write a brief note on aggregate functions.
5. Write about data types in PL/SQL.
6. Write about generalization.
7. What is a view? Write the procedure to create a view.
8. Write about sub query.

Section B (5 × 10 = 50 Marks)

Answer all the questions.

1. (a) Explain in detail about advantages and disadvantages of DBMS.

(Or)

(b) Explain in detail about database architecture.

2. (a) What are the basic building blocks of ERM.

(Or)

(b) What is relationship? Explain classification and degrees of relationship.

3. (a) Explain advantages and disadvantages of relational algebra.

(Or)

(b) Explain the concept of relational calculus.

4. (a) Explain in detail about DDL, DML and DCL commands.

(Or)

(b) Explain join and set operation with example.

5. (a) Explain the structure of PL/SQL program.

(Or)

(b) What is trigger? Explain operations on triggers.

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