Faculty of Arts and Science

B.A/B.Sc. (Computer Applications) II-Year, CBCS-III Semester

Backlog Examinations –January, 2021

PAPER: DATABASE MANAGEMENT SYSTEM

Time: 2 Hours

Max Marks: 80

I. Answer any **Four** of the following questions   (4x20=80 Marks)

1. Explain the three schema Architecture and Data Independence concepts.

2. What is Data Abstraction in a DBMS? Explain Data Models.

3. What is Data Redundancy? Write about the Relational Database Model.

4. What is Degree of a Relationship? Explain ER Diagram concepts with examples.

5. Explain the Extended Entity Relationship Model and Entity Clustering.

6. What is Denormalization? Explain various normal forms.

7. Define conceptual evaluation strategy? Explain various SQL, DDL & DML commands with sample queries.

8. Discuss the following

    i) SQL Functions   ii) Oracle Sequences

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