

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech (CSE) (Sem.-6)

**RELATIONAL DATABASE MANAGEMENT SYSTEM**

Subject Code : CS-302

Paper ID : [A0470]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****Explain the following :**

- 1) Unsafe query
- 2) View
- 3) Shadow Paging
- 4) Primary Index
- 5) Data Independence
- 6) Data Integrity
- 7) Transaction
- 8) DDL
- 9) 4NF
- 10) Concurrency

### SECTION-B

- 11) Write any 5 operations of Relational Algebra.
- 12) What is a cursor? Explain its types.
- 13) What is a trigger? Explain its parts.
- 14) Explain the role of DBA.
- 15) Discuss validation concurrency control technique.

### SECTION-C

- 16) Explain with the help of example the concept of Packages.
- 17) What are the modes of passing parameters in procedures?
- 18) Write a note on classification and normalization.