

FACULTY OF COMMERCE
B.COM (COMP. APPL.) III SEMESTER (CBCS R-19) EXAMINATIONS, MARCH 2022
RELATIONAL DATABASE MANAGEMENT SYSTEMS

TIME: 3 HRS]

[Max.Marks:60

SECTION-A (5 X 2 = 10 Marks)

1. Answer any FIVE questions

- a) Explain advantages of DBMS over File based systems.
- b) Write about Referential Integrity Constraint.
- c) Explain views.
- d) Discuss about 2PL.
- e) Write about Data Replication.
- f) Explain Mobile databases.
- g) Write about Inverted File Organization.
- h) Write about OLAP.

SECTION- B (5 x 10 = 50 Marks)
Answer any FIVE questions

2. Explain Database Administrator Functions and Role.
3. Explain Relational Operations.
4. What is Normalization? Explain various Normal forms.
5. What is Index? Explain different types of Indexes.
6. Explain basic commands of SQL.
7. Explain Nested Queries.
8. What is Deadlock? Explain its Prevention.
9. Explain different kinds of Database failures and failure control methods.
10. Discuss in detail about DDBMS.
11. Explain Client Server Architecture.
