



MAI-1102

Seat No. _____

B. C. A. (Sem. III) Examination

October / November - 2018

BCA - 302 : Advance Database Management System

Time : 3 Hours]

[Total Marks : 70

- 1 (a) Do as directed : (any three) 6**
- (1) What is self-join?
 - (2) What is Dual Table?
 - (3) What is Constraint?
 - (4) List out DCL command.
- (b) Attempt any two : 12**
- (1) List and discuss the types of constraints.
 - (2) What is use of DROP command? Explain DML commands with example.
 - (3) Explain types of Joins.
- 2 (a) Write short note on any two : 5**
- (1) What is Cursor? Explain the use of it.
 - (2) What is block? Discuss in brief.
 - (3) How to create procedure?
- (b) Attempt any two : 12**
- (1) Short note: Block
 - (2) What is exception handling? Explain
 - (3) Define Indexes. Explain types of indexes.

- 3 (a) Do as directed : 6
- (1) Define primary key.
 - (2) Write down full forms : OLTP, OLAP, DBMS, ADBMS
 - (3) What is Data Mining?
- (b) Attempt any two : 12
- (1) Differentiate between OLTP and OLAP.
 - (2) Short note: Decision support system.
 - (3) Explain Data warehouse in detail with example.
- 4 (a) Define following terms : 5
- (1) Define term: Transaction
 - (2) What is use of commit ?
 - (3) Data Encryption.
 - (4) What is use of rollback?
 - (5) What is Deadlock situation?
- (b) Attempt any two : 12
- (1) Define Concurrency. Explain concurrency problems.
 - (2) Define Distributed database system. Explain any five objectives of it.
 - (3) Define Recovery. Explain system recovery.
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