



KKP-6142

Seat No. 105

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

November / December – 2014

BCA - 302 : ADBMS

(Advance Database Management System)

Time : Hours]

[Total Marks : 70

- 1 (a) Attempt the following : (any **three**) 6
- (i) BETWEEN operator.
 - (ii) Set operator
 - (iii) DML.
 - (iv) What is NOT NULL ?
- (b) Attempt the following : (any **three**) 12
- (i) Explain Join with example.
 - (ii) Explain Different types of constraints.
 - (iii) Explain Aggregate function in detail.
 - (iv) Explain subquery in detail.
- 2 (a) Attempt the following : (any **four**) 8
- (i) Difference : procedure and function.
 - (ii) Explain sequence.
 - (iii) Explain different types of view.
 - (iv) Structure of PL/SQL Block
 - (v) Explain If condition in PL/SQL.

- (b) Attempt the following : (any **three**) 9
- (i) What is index ? Explain different types of index.
 - (ii) Explain cursor and its types.
 - (iii) What is the use of Exception Handling ? Explain it.
- 3 (a) Attempt the following : (any **three**) 6
- (i) Define Decision support system.
 - (ii) Explain join complexity.
 - (iii) What is operational Data store ?
 - (iv) Explain Load operation.
- (b) Attempt the following : (any **two**) 12
- (i) Explain OLAP in detail.
 - (ii) Explain Data Warehouse and Data ~~must~~ ^{must} in detail.
 - (iii) Explain Data mining.
- 4 (a) Answer the following : (any **two**) 12
- (i) Define failure. Explain transaction recovery.
 - (ii) Describe any five objective of distributed database.
 - (iii) Explain Encryption in detail.
- (b) Attempt the following : (any **two**) 5
- (i) Explain ACID properties.
 - (ii) Define different types of lock.
 - (iii) What is the use of Audit trail ?