Roll No. ☐☐☐☐☐☐☐☐☐☐

DCA-3, ADCA-3, BCA-4
1ˢᵗ Year Examination, Calendar Batch 2017
Data Base Management System

Time : 3 Hours]   *[Max. Marks : 100*

Note. *Attempt any **five** questions. Each questions carry equal marks.*

Q.1 What is relationship? Explain .Discuss various types of relationship. Also discuss degree of relation type.

Q.2 Discuss the various Integrity constraints.

Q.3 Discuss the Concurrency control.

Q.4 Write a PL/SQL code block to calculate the area of a circle for a value of radius varying from 4 to 8. Store the radius and the corresponding values of calculated area in an empty table named as areas, consisting of two columns radius and area.

Q.5 Discuss ER model? Describe notations used in ER diagram? Also discuss various relation types? Discuss various ER methods and diagrams.

Q.6 Describe the relational model key concept.

Q.7 Discuss the client server architecture? What are functions of client server architecture?

Q.8 Explain the DBMS and its characteristics? Also discuss its applications and functions.