

Reg. No. :

D 1032

Q.P. Code : [07 DCCA 05]

(For the candidates admitted from 2007 onwards)

B.Com. (CA) DEGREE EXAMINATION, MAY 2014.

Second Year

Part III — Commerce with CA

DATABASE MANAGEMENT SYSTEM

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. (a) Discuss the different levels of data abstraction.
(b) Write about physical and logical database models.
2. Describe in detail about relational model.
3. (a) Discuss in detail about data definition language.
(b) Write a note on data manipulation language.

4. What are the concept of locking? Describe the different types of locks.
 5. Explain the architecture of PL/SQL block.
 6. Discuss in detail about purpose of DBMS and view of data.
 7. Describe in detail about entity and relationship diagram.
 8. (a) Write a note on transaction control language.
(b) Explain numeric and conversion functions.
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B.Com. (CA) DEGREE EXAMINATION, MAY 2014.

Second Year

Part III — Commerce with Computer Applications

C++

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. Explain the features of object oriented programming and applications of OOPS.
2. Describe structure of C++ programs. State its syntax in detail.
3. Write a note on the followings :
 - (a) Tokens
 - (b) Keywords
 - (c) Data types.

4. Explain the syntax of constructors with example.
 5. What is operator overloading? Explain with sample program.
 6. Write down the program for single inheritance with example.
 7. Describe classes for file stream operations.
 8. Explain opening and closing file in C++.
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