SUBJECT CODE: CS/MC/RD54

B.C.A. DEGREE EXAMINATION – NOVEMBER 2011
FIFTH SEMESTER

COURSE   : MAJOR CORE
PAPER   : RELATIONAL DATABASE MANAGEMENT SYSTEMS
TIME   : 90 MINUTES   MAX. MARKS: 50

SECTION – A   (10X1=10)

I. Choose the correct answer:

1. Col_name number (p,s);

   the above format represents _____ number.
   - a. Float
   - b. Integer
   - c. Decimal
   - d. Binary.

2. The 'having' clause should be preceded by_____ clause.
   - a. where
   - b. distinct
   - c. group by
   - d. count.

3. Composite primary key can be set for a maximum of _____columns.
   - a. 8
   - b. 16
   - c. 32
   - d. 12.

4. If PL/SQL run out of memory then, a _____ predefined exception is raised.
   - a. Invalid_cursor
   - b. Storage_error
   - c. timeout_on_resource
   - d. zero_divide

5. Object oriented programming is a way of organizing data and _____ within programs.
   - a. Method
   - b. Code
   - c. Class
   - d. Variable.

II. Fill in the blanks:

6. The _____ rule applies to data manipulation commands operating on a set of relational rows.

7. To eliminate duplicate values the _____ clause has to be prefixed to the column name in the select statement.

8. Locks can be obtained either at table level or at _____ level.

9. PL/SQL data types consist of scalar and _____ data types.

10. _____ is a pointer to an object and may be used within a SQL statement as an operator.

SECTION – B (5X2=10)

III. Answer ALL questions:

11. What is the difference between varchar2 and char data types?

12. Write the types of SQL plus functions?

13. What are the different types of locks available?

14. Write the types of implicit cursor attributes?

15. Define Varying array.

SECTION – C (6X5=30)

IV. Answer any SIX questions:

16. Define Normalization. Explain briefly First Normal Form and Second Normal Form with example.

17. Explain the various TCL and DCL statements with examples.

18. Explain set operators with example.

19. Explain types of constraints with examples.

20. Explain about the table partition with examples.

21. Explain about various database triggers and give an example for INSTEAD OF Triggers.

22. What is Procedure? Explain the types of parameters and give example for one?

23. Explain Nested tables and describe how to insert records into nested-tables and querying from nested table?

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