Reg. No. : _____

Code No. 1711 Sub. Code : R 3 CS 64

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2011.

Sixth Semester

Computer Science — Main

Paper XII — ORACLE

(For those who joined in July 2008 and afterwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. In optimistic system tables are

   (a) Not locked by the databases system

   (b) locked by the database system

   (c) Not locked by the operating system

   (d) All the above

2. Tables are —— ——

   (a) Class (b) Objects
   (c) properties (d) None

3. The main purpose of SQL language is

   (a) Manipulating database

   (b) Querying database

   (c) Conversion operation

   (d) All the above

4. —————— format used for spelled-out number.

   (a) DDSPTH (b) SS

   (c) DDSP (d) none

5. Tables aliases used for ——————.

   (a) Copying a query (b) Renaming a query

   (c) Duplicating a query (d) All the above

6. —————— creates users and roles and grant privileges.

   (a) Databases users (b) Synonyms

   (c) DBA (d) None

7. PL/SQL is a ——————— language.

(a) **Block structured**   (b) structured

(c) Object oriented   (d) None

8. ——————— statement to discard all or part of the transaction.

(a) **ROLLBACK**   (b) COMMIT

(c) SAVEPOINT   (d) None

9. The contents of ——————— is known at compile time.

(a) **Static cursor**   (b) Implicit cursor

(c) Dynamic cursor   (d) None

10. Components of PL/SQL records are

(a) Fields   (b) TABLE

(c) **Records**   (d) None

Answer ALL questions, choosing either (a) or (b).

11. (a) Discuss how to handle central transaction log in a client/sever database.

Or

(b) Explain how to dropping a constraint. Give an example.

12. (a) What is the function of set define command?

Or

(b) What is the use of GROUP BY clause? Give an example.

13. (a) Discuss the difference between UNION and UNOION ALL. Give an example.

Or

(b) Discuss how to modify a sequence. Give an example.

14. (a) What do you meant by literals? Explain how to construct it.

Or

(b) Discuss the differences between basic loop and the while loop.

15. (a) Discuss the functions of implicit cursor.

Or

(b) Explain ay four PL/SQL built-in method.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

16. (a) Explain client server database system in multi –user environment.

Or

(b) Discuss the procedure for table modification.

17. (a) Define substitution variable. Explain how to use them? Give an example.

Or

(b) List all group functions. Give examples.

18. (a) Discuss how equijoin used to join two tables.

Or

(b) Explain the following :

(i) Synonyms

(ii) Index

19. (a) Name three types of variables used in PL/SQL? Where are they declared? Give example.

Or

(b) Explain the following in PL/SQL

(i) For loop

(ii) While loop.

20. (a) What are the attributes in explicit cursor? Explain them.

Or

(b) Explain built-in methods for table in PL/SQL.

———————