

(6 pages)

Reg. No. :

Code No. : 30840

Sub. Code : R 3 CS 64/
B 3 CS 64

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2014.

Sixth Semester

Computer Science — Main

Paper XII — ORACLE

(For those who joined in July 2008 to 2011)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. _____ is a infrastructure of hardware and software that enables computers to communicate with each other.
- (a) Network
 - (b) Operating system
 - (c) Memory
 - (d) None.

2. Oracle 9i is a
- (a) Client server DBMS
 - (b) Peer to peer DBMS
 - (c) Distributed database
 - (d) None.
3. SQL's DML consists of _____ statements.
- (a) three
 - (b) two
 - (c) four
 - (d) none.
4. You can get information about environment variables by using the SQL *plus command
- (a) SHOW ALL
 - (b) SELECT
 - (c) ALL
 - (d) All the above.
5. Table aliases used for _____
- (a) copying a query
 - (b) renaming a query
 - (c) duplicating a query
 - (d) all the above.
6. _____ clause cannot be used in a sub query.
- (a) ORDER BY
 - (b) WHERE
 - (c) HAVING
 - (d) None.



7. A block is the _____ of objects.
 (a) scope (b) instance variable
 (c) class (d) all the above.
8. _____ package can be used to manipulate contents of LOB.
 (a) DBMS-LOB (b) DBMS#LOB
 (c) DBMS_LOB (d) None.
9. _____ is the strongest benefits of PL/SQL.
 (a) synonym (b) trigger
 (c) error handling (d) none.
10. _____ declaration attribute can be used to define the record type.
 (a) %ROWTYPT (b) %TYPE
 (c) TYPE (d) None.

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b),
 each answer should not exceed 250 words.

11. (a) Discuss how to handle transaction log in a personal database.
- Or
- (b) Discuss how to handle central transaction log in a client/server database.

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12. (a) Explain how to enter null values.

Or

- (b) How to perform update operation in SQL* plus?

13. (a) Explain how to perform deletion operation using sub query.

Or

- (b) Define inline view? Give an example.

14. (a) Explain the searched CASE statement with example.

Or

- (b) Discuss the function of SELECT... INTO in PL/SQL.

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

Or

- (b) Explain user defined exception. Give an example.

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PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b),
each answer should not exceed 600 words.

16. (a) Explain integrity constraint in detail.

Or

- (b) Explain data types in oracle.

17. (a) Discuss how to add new record in a table.

Or

- (b) Define substitution variable. Explain how to use them? Give an example.

18. (a) What are the possible set operators? Give an example.

Or

- (b) Define sequences. Explain how to create it.

19. (a) Explain the conditional statements in PL/SQL with example.

Or

- (b) Explain select statement in PL/SQL with example.

20. (a) Explain how to declare and fetch values from a explicit cursor.

Or

- (b) Explain how to create and working with PL/SQL records.
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