

18. Explain the various data types supported by PL/SQL.
 19. What are the two types of cursors in PL/SQL? Describe.
 20. Explain any five PL/SQL Built-in table methods.
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S.No. 1670

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(For the candidates admitted from 2008-2009 onwards)

B.B.A. (CA) DEGREE EXAMINATION,
APRIL/MAY 2018.

Fifth Semester

RDBMS AND ORACLE

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is a database system?
2. Define the term "Transaction".
3. What is a relational Algebra?
4. What is a NULL?
5. What are the two types of blocks in PL/SQL?
6. What is the use of bind variable?

7. What is a cursor?

8. Define Exception.

9. What is a package?

10. How do you declare a PL/SQL record?

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the various components of a database system.

Or

(b) What are the functions of DBA?

12. (a) What are the basic data types supported by SQL? Explain.

Or

(b) What are the set operations of SQL? Explain with examples.

13. (a) Write down the features of PL/SQL.

Or

(b) Write a PL/SQL block to swap the values of two variables. Print the variables before and after swapping.

14. (a) What are the five steps to define and handle an explicit cursor?

Or

(b) What are the types of exceptions? Explain.

15. (a) How are actual parameters and formal parameters associated? Explain with an example.

Or

(b) What is Varray in PL/SQL? Write its syntax.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. What are the four categories of data model classification? Describe.

17. What are the aggregate functions of SQL? Give examples.