

(6 pages)

Reg. No. : .....

Code No. : 10347 E Sub. Code : AMCA 53

B.C.A. (CBCS) DEGREE EXAMINATION, APRIL 2023

Fifth Semester

Computer Application-Core

RDBMS

(For those who joined in July 2020 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. \_\_\_\_\_ is used to create and manage "table spaces"
- (a) Instances manager  
(b) Storage manager  
(c) Security manager  
(d) Warehouse manager

6. The \_\_\_\_\_ oracle object that is used for faster retrieval of rows from a table.
- (a) SYNONYMS  
(b) INDEX  
(c) SEQUENCE  
(d) VIEWS
7. \_\_\_\_\_ is formed from group of procedures and functions.
- (a) Package (b) Trigger  
(c) Named block (d) Procedure
8. In which structure, the instructions are performed in a linear order
- (a) Selection  
(b) looping  
(c) sequence  
(d) All the above
9. In a \_\_\_\_\_ cursor the contents are known at compile time.
- (a) Implicit (b) Explicit  
(c) Dynamic (d) Static

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2. The \_\_\_\_\_ constraint are known as entity integrity constraint.
- (a) FOREIGN KEY  
(b) PRIMARY KEY  
(c) UNIQUE  
(d) NOT NULL
3. Which of the following symbol is used for substitution variable in a query?
- (a) \$ (b) #  
(c) & (d) @
4. The \_\_\_\_\_ function converts a null value to an actual value supplied as an argument
- (a) EXTRACT (b) FLOOR  
(c) CEIL (d) NVL
5. To avoid using lengthy table names over and over again in a query \_\_\_\_\_ is used
- (a) Concatenation  
(b) Cartesian product  
(c) Column Aliases  
(d) Table Aliases

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10. \_\_\_\_\_ is a single-dimensional with bounded collection of elements.
- (a) Array (b) Varray  
(c) Field (d) None of these

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words

11. (a) Give an account on introduction to Oracle 9i.  
Or  
(b) Describe in detail about Data Types with examples.
12. (a) Explain how restricting data with a WHERE clause.  
Or  
(b) Explain about the group functions with example.
13. (a) Explain various types of set operators with suitable example.  
Or  
(b) Describe how the transactions have been done in SQL statements.

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14. (a) Describe about Bind variables and substitution variables with suitable examples.

Or

(b) Define SQL in PL/SQL and write an example for a select statement in PL/SQL.

15. (a) Give short note on the introduction to cursor variables and its types with example.

Or

(b) Explain how values are assigned to rows in PL/SQL tables.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words

16. (a) Explain about the Personal Database in detail.

Or

(b) Give brief note on altering an existing table.

17. (a) Write a short note on retrieving data from a table.

Or

(b) Describe about various built-in functions with example.

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18. (a) What is a sub query? Explain its types with example.

Or

(b) Define Views. Explain how to create, remove and alter views with examples.

19. (a) Explain the block structures of PL/SQL.

Or

(b) Give short note on data manipulation in PL/SQL.

20. (a) Describe about Explicit cursor attributes with examples.

Or

(b) Explain in detail about PL/SQL records.

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