

**DBMS Model Question Paper -1
II semester BCA**

SECTION –A

Answer the following questions each carry one mark. (any ten)

(2 X 10 = 20)

1. Define schema.
2. Differentiate between single valued and multi valued attributes.
3. Define entity and relationship.
4. Write the difference between unordered and order records.
5. Define seek time and access time.
6. Write the syntax and example for delete command.
7. Given example for composite key and candidate key.
8. Example for outer join and natural join.
9. Name the different data types available in pl-sql.
10. What is starvation?
11. Define the term block and blocking factor.
12. What is a cursor? mention it types.

SECTION –B

Answer the following questions each carry five mark. (any five)

(5 X 10 = 50)

13. Write the advantages and disadvantages of dbms.
14. Name the different database models. Explain any two models.
15. Explain the different symbols of ER diagram.

16. Explain any five file command and differentiate between bucket splitting and bucket dubbing.
17. Explain relationship and types of relationships in dbms
18. Write a plsql program perform basic arithmetic operations and to find out the given year is leap year or not.
19. Explain the different types of relationships used in dbms .Explain about any two secondary storage devices.
20. What is concurrency binary lock technique for controlling concurrency ?

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DBMS Model Question Paper -2
II semester BCA

SECTION –A

Answer the following questions each carry one mark. (any ten)

(2 X 10 = 20)

1. Define meta data.
2. Define centralised dbms.
3. What is composite attribute?
4. Define transitive dependency.
5. Differentiate between foreign key and primary key .
6. What is the use of commit statement?
7. What is data trigger?
8. What do you mean by two phase locking?
9. List different types of failures.
10. Define cursor.
11. Mention different types of entity
12. What is raid?

SECTION –B

Answer the following questions each carry five mark. (any five)

(5 X 10 = 50)

13. Discuss about various people involved with dbms.
14. Explain 3rd normal form and 4th normal form within example
15. Write a note on internal hashing and external hashing
16. Explain with an example union, insertion ,difference ,carters in product and join

17. Explain any five group functions in sql
18. Explain the structure of plsql . Given example for loop statement
19. How database file are classified? Explain.
20. Write a note on transaction support in sql.

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DBMS Model Question Paper -2
II semester BCA

SECTION –A

Answer the following questions each carry one mark. (any ten)

(2 X 10 = 20)

1. What is dbms ?
2. Define data model. Name any two models
3. Define data abstract.
4. What do you mean by relationship in dbms? Give an example
5. What is double buffering ?
6. Give an example for different types of entity.
7. Define foreign key and primary key.
8. What is hashing? Name two types of hashing.
9. What do you mean by functional dependency ?
10. What is view in sql ?
11. What is the use of cursor?
12. What is a lock? Name the different types of lock.

SECTION –B

Answer the following questions each carry five mark. (any five)

(5 X 10 = 50)

13. What is data independence? Explain two types of data independence.
14. How dbms language are classified. Explain any five.
15. Draw a neat diagram of 3 level dbms architecture and Explain

16. Explain the different symbols used ER diagram .
17. What is normalization? Explain first normal and second normal form with an example.
18. Explain client server architecture
19. What is transaction? Explain its properties
Explain the concurrent control with times stamping.
20. What is join operation in sql? Mention the different types of joins
Explain selection and projection.