

DBMS Question Paper

Question 1: The data model which describes how the data is actually stored is :

- A) internal model
- B) external model
- C) logical model
- D) none of these

Answer: A

Question 2: Data about data is normally termed as :

- A) directory
- B) data bank
- C) meta data
- D) none of the above

Answer: C

Question 3: The scheme for hierarchical database is :

- A) Tree
- B) Graph
- C) B-Tree
- D) None Of The Above

Answer: A

Question 4: Which one is an example for network database?

- A) Unify
- B) Ingress
- C) IDMS
- D) None of the above

Answer: C

Question 5: One of the following is a valid record-based data model :

- A) Object-oriented model
- B) Relational model
- C) Entity-relationship model
- D) None of the above



Answer: B

Question 6: Relational Algebra is a _____ query language that takes two relations as input and produces another relation as an output of the query.

- A) Relational
- B) Structural
- C) Procedural
- D) Fundamental

Answer: C

Question 7: Which of the following is a fundamental operation in relational algebra?

- A) Set intersection
- B) Natural join
- C) Assignment
- D) None of the mentioned

Answer: D

Question 8: Which of the following is used to denote the selection operation in relational algebra?

- A) Pi (Greek)
- B) Sigma (Greek)
- C) Lambda (Greek)
- D) Omega (Greek)

View Answer

Answer: B

Question 9: For select operation the _____ appear in the subscript and the _____ argument appears in the paranthesis after the sigma.

- A) Predicates, relation
- B) Relation, Predicates
- C) Operation, Predicates
- D) Relation, Operation

Answer: A

Question 10: The _____ operation, denoted by $-$, allows us to find tuples that are in one relation but are not in another.

- A) Union

- B) Set-difference
- C) Difference
- D) Intersection

Answer: B

Question 11: In an object-oriented model, one object can access data of another object by passin:

- A) Instance variable
- B) Message
- C) Variable
- D) None of these

Answer: B

Question 12: SET concept is used in :

- A) Network model
- B) Hierarchical model
- C) Relational model
- D) None of the above

Answer: A

Question 13: A view of database that appears to an application program is known as :

- A) schema
- B) subschema
- C) virtual table
- D) none of the above

Answer: B

Question 14: Choose the DBMS, which supports full-fledged client server application development ?

- A) Dbaseiv
- B) Oracle 7.1
- C) FoxPro 2.1
- D) Ingress

Answer: B

Question 15: A top-to-bottom relationship among the items in a database is established by:

- A) Hierarchical schema
- B) Network schema
- C) Relational schema
- D) All of the above

Answer: A

Question 16: The level of data abstraction which describes how the data is actually stored is :

- A) conceptual level
- B) physical level
- C) file level
- D) none of these

Answer: B

Question 17: Collection of information stored in a database at a particular moment is :

- A) View
- B) Schema
- C) Instance
- D) None Of The Above

Answer: C

Question 18: The syntax of a user query is verified by :

- A) query optimizer
- B) DBA
- C) parser
- D) none of the above

Answer: C

Question 19: A data model is:

- A) Used to describe structure of a database
- B) Set of basic operations on the database
- C) Both [A] and [B]
- D) None of the above

Answer: C

Question 20: In a hierarchical database, a hashing function is used to locate the :



- A) Root
- B) Collisions
- C) Primary key
- D) Duplicate records

Answer: A

