

AMCAT Data model Questions

Question 1: What is a view?

- A. A view is a special stored procedure executed when certain event occurs.
- B. A view is a virtual table which results of executing a pre-compiled query. A view is not part of the physical database schema, while the regular tables are.
- C. A view is a database diagram.
- D. None of these

Answer: Option B

Question 2: Which is the subset of SQL commands used to manipulate Oracle Database structures, including tables?

- A. Data Definition Language(DDL)
- B. Data Manipulation Language(DML)
- C. Both of above
- D. None

Answer: Option A

Question 3: Which company has developed the hierarchical model?

- A. IBM
- B. Sun Microsystems
- C. Oracle
- D. Microsoft

Answer: Option A

Question 4: In the Relational Model, the number of columns in a table is termed as _____.

- A. cardinality
- B. degree
- C. domain
- D. None of these

Answer: Option B

Question 5: The attribute name could be structured as a attribute consisting of first name, middle initial, and last name . This type of attribute is called

- A. Simple attribute
- B. Composite attribute
- C. Multivalued attribute
- D. Derived attribute

Answer: Option B

Question 6: An entity in A is associated with at most one entity in B, and an entity in B is associated with at most one entity in A.This is called as

- A. One-to-many
- B. One-to-one
- C. Many-to-many
- D. Many-to-one

Answer: Option B

Question 7: Which of the following is example of Object based logical model ?

- A. Entity Relationship Model
- B. Hierarchical Model
- C. Relational Model
- D. Network Model

Answer: Option A

Question 8: A parent Process executes _____ system call to create a child process

- A. exce()
- B. fork()
- C. child()
- D.create()

Answer: Option B

Question 9: What will be the output of the following SQL query? SELECT Name, Age FROM tbl_student WHERE Age NOT BETWEEN 12 AND 15;

- A. Displays only NULL values.
- B. Does not display NULL values.
- C. May display NULL values.
- D. Error in the query

Answer: Option C

Question 10: Which of the following queries can be used to find out the rows containing the data about the candidates who took the entrance test more than two years ago?

- A. SELECT * FROM Candidates WHERE dateOfTest
- B. SELECT * FROM Candidates WHERE dateOfTest
- C.SELECT * FROM Candidates WHERE dateOfTest
- D. SELECT * FROM Candidates WHERE dateOfTest>(yy,-2,GETDATE());

Answer: Option B