Sample question paper of DATABASE MANAGEMENT SYSTEMS

Q1. The language used in an application programs to request data from the DBMS is referred to as the

        A. DML
        B. DDL
        C. VDL
        D. SDL

Q2. The method in which records are physically stored in a specified order according to a key field in each record is:

        A. hash
        B. direct
        C. sequential
        D. all the above

Q3. Which are the two ways in which the entities can participates in a relationship?

        A. Simple and Complex
        B. Passive and Active
        C. Total and Partial
        D. All of the above

Q4. The normal form which satisfies multivalued dependencies and which is in BCNF is

        A. 4 NF
        B. 3 NF
        C. 2 NF
        D. All of the mentioned

Q5. A domain is atomic if elements of the domain are considered to be _____ units.

        A. Different
        B. Indivisible
        C. Constant
        D. Divisible

Q6. The result of the operation contains all pairs of tuples from the two relations, regardless of whether their attribute values match.
    A. Join
    B. Cartesian product
    C. Intersection
    D. Set difference

Q7. A protocol that ensures the system will never enter a deadlock state is called,
    A. Deadlock detection
    B. Deadlock elimination
    C. Deadlock prevention
    D. Deadlock recovery

Q8. The rigorous two-phase locking protocol permits releasing all the locks at the _____
    A. Beginning of the transaction
    B. During execution of the transaction
    C. End of the transaction
    D. Never in the life time of the transaction

Q9. Considering the binary relationships, the possible cardinality ratios are,
    A. 1:1
    B. 1:N
    C. M:N
    D. All of the above

Q10. The attributes that can be arranged into hierarchy are called _____.
    A. Composite attributes
    B. Atomic attributes
    C. Derived attributes
    D. Simple attributes