

| SEM | SET | PAPER CODE | TITLE OF THE PAPER |
|-----|------|------------|--------------------|
| II | 2014 | 14PCC2107 | DATABASE SYSTEMS |

SECTION - A**Answer all the questions:****30 × 1 = 30****Choose the correct answer:**

- _____ system is supported by a conventional operating system.
 - Database
 - File processing
 - Oops
 - None
- Data scattered in various files known as _____.
 - Data isolation
 - Concurrent access anomalies
 - Data redundancy
 - Inconsistency
- Declarative DML's referred to as _____ DML.
 - Procedural
 - Non-procedural
 - Embedded
 - None of these
- A person who has such central control over the system is called _____.
 - Programmer
 - End user
 - Naïve user
 - None of these
- _____ which stores the database itself.
 - Data dictionary
 - Indices
 - Data files
 - Meta data
- _____ is distinguishable from all other objects.
 - Entity
 - Attribute
 - Entity set
 - Relation

7. To ensure the elimination of duplicates in the result, use _____ keyword.
- a) Ascending
 - b) Order by
 - c) having
 - d) None of these
8. _____ are functions that take a collection of values as input and return a single value.
- a) Built in functions
 - b) Aggregate function
 - c) Nested sub query
 - d) Set membership
9. The _____ connective tests for set membership.
- a) In
 - b) As
 - c) Empty
 - d) Some
10. The _____ connective tests for set membership.
- a) In
 - b) As
 - c) Empty
 - d) Some
11. Queries in QBE by _____.
- a) Tuples
 - b) Skeleton tables
 - c) Frame work
 - d) Matrix format
12. GQBE stands for _____.
- a) Group Query By Example
 - b) Graphical Query By Example
 - c) Grid Query by Example
 - d) None of these
13. A _____ is atomic.
- a) Domain
 - b) Entity set
 - c) Relation
 - d) Normal form
14. Functional dependencies are said to be _____.
- a) Trivial
 - b) Non-trivial
 - c) Normal form
 - d) None of these
15. A relation schema, R is in _____ with respect to set F of functional dependency.
- a) 3 NF
 - b) 2 NF
 - c) 1 NF
 - d) 4 NF

16. Multivalued dependency are referred to as _____.
a) Equality generating dependency b) 3NF
c) Tuple generating dependency d) None of these
17. PJNF stands for _____.
a) Project Join Normal Form b) Product Join Normal Form
c) Process Join Normal Form d) None of these
18. DKNF stands for _____.
a) Decomposition – Key Normal Form
b) Domain Key Normal Form
c) Doggle Key Normal Form
d) None of these
19. Collections of operations that form a single _____ of work are called transactions.
a) Physical unit b) Logical unit
c) View d) Table
20. The isolation property is the responsibility of a component of the database system called the _____ component.
a) Recovery management b) Concurrency control
c) Transaction management d) Automatic
21. The execution sequences are called _____.
a) Transaction b) Committed
c) Program d) Schedules
22. If a transaction T_i has obtained a _____ lock on item Q then T_i can read, but cannot write Q.
a) Exclusive mode b) Shared mode
c) Serializable d) Dead lock
23. Each transaction issue lock and unlock requests in _____ phases.
a) One b) Four
c) Three d) Two

