

305 Database Management System

કુલ સમય :- : ૬૦ મીનીટ

કુલ પ્રશ્નો : ૫૦

વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૩૫

નોંધ : વિદ્યાર્થીએ માત્ર ૩૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૩૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1. What is the full form of SQL?
(a) Simple Query Language (b) **Structured Query Language** (c) Structured Query List (d) None of these
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
3. Which name must be unique within a database?
(a) **Table** (b) Field (c) Record (d) Character
4. In a database table, the each category of information is called _____
(a) Tuple (b) **Field** (c) Record (d) All of above
5. A collection of related data.
(a) Information (b) Valuable information (c) **Database** (d) Metadata
6. In order to fully evaluate a query, the system need to construct is called.....
(a) **Query evaluation plan** (b) Evaluation (c) Parsing& translation (d) Optimization
7. A database system generates an efficient query evaluation plan, which minimizes its cost. This type of task performed is called.....
(a) **Query optimization** (b) Query evaluation (c) Query language (d) None of above
8. The view of total database content is ..
(a) **Conceptual view** (b) Internal view (c) External view (d) Physical view
9. How much types of query processing?
(a) 4 (b) 6 (c) **3** (d) 2
10. A relational database developer refers to a record as...
(a) Criteria (b) A relation (c) **A tuple** (d) An attribute
11. Related fields in a database are grouped to form a..
(a) Data field (b) **Data record** (c) Menu (d) Bank
12. Lock placed by the DBMS are called.....
(a) **Implicit lock** (b) Explicit lock (c) Exclusive locks (d) Shared locks
13. In a relational model, relations are termed as..
(a) **Tuple** (b) Attributes (c) Tables (d) Rows
14. Which advantage of the DBMS?
(a) Data independence (b) System complexity (c) **Providing back up & recovery** (d) Conceptual simplicity
15. Key to represent the relationship between tables is called.....
(a) Primary key (b) Secondary key (c) **Foreign key** (d) None of these
16. A set of possible data values called....
(a) **Attribute.** (b) Degree. (c) Domain. (d) Tuple.
17. Not two data items in a database should represent a same real world entity is called _____
(a) Security (b) Shared (c) **Non –redundancy** (d) Data recovery
18. Conceptual level also called _____
(a) **Logic level** (b) Process level (c) Storage level (d) (A)and (3)both
19. One level data represent into another level and how some operation performs on the data that process is called _____
(a) DBMS (b) Functions of DBMS (c) **Mapping** (d) DBA
20. Hierarchical model is also called _____
(a) Plex structure (b) **Tree structure** (c) Normalize structure (d) Table structure
21. Affects all transaction currently in progress but do not physically damage the database is called
(a) **System failures** (b) Media failures (c) Software failures (d) None of this
22. Successful end of transaction update become permanent is called
(a) **Commit** (b) Rollback (c) System commit (d) System rollback
23. Which of the following is an atomic sequence of database action?
(a) **Transaction** (b) Concurrency (c) Relation (d) All of the mentioned
24. Deals with soft errors, such as power failures.
(a) System recovery (b) Media recovery (c) Database recovery (d) **Failure recovery**

25. How much types of ACID properties?
(a) 7 (b) 2 (c) 5 (d) 4
26. Which of the following can cause a transaction failure.
(a) Logical error (b) System error (c) More than one of mentioned (d) None of the mentioned
27. This key that uniquely identifies each record is called.....
(a) Primary key (b) Key record (c) Field key (d) Super key
28. A person, place, thing or event of interest to the organization and about which data are captured, stored or processed is called _____
(a) Entity (b) Relative (c) Attribute (d) E-R model
29. Restoring it to a consistent state by redoing work is sometimes called.....
(a) Backward recovery (b) Media recovery (c) System recovery (d) Forward recovery
30. In which of the following is a single- entity instance of one type or related to a single – entity instance of another type?
(a) One-to-one relationship (b) One-to-many relationship
(c) Many-to-many relationship (d) Composite relationship
31. An entity A is associated with at most one entity in B, and entity in B is associated with at most one entity in A. this is called as.....
(a) One-to-one (b) One-to-many (c) Many-to-many (d) Many-to-one
32. In an E-R diagram attribute are represented by
(a) Rectangle (b) Square (c) Ellipse (d) Triangle
33. Rollback of transaction is normally.....
(a) Recover from transaction failure (b) Update the transaction
(c) Retrieve old record (d) Repeat a transaction
34. A _____ means that one record in a particular record type may be related to more than one record of another record type.
(a) One-to-one relationship (b) One-to-many relationship
(c) Many-to-many relationship (d) Many-to-many relationship
35.is process for evaluating and correcting database structure to minimize data redundancies.
(a) Normalization (b) Mapping (c) Data record (d) Data recovery
36. System failure also called.....
(a) Hard crash (b) Soft crash (c) System recovery (d) Media failure
37. Restoring the database to a consistent state by undoing work is sometimes called.....
(a) Forward recovery (b) Backward recovery (c) System recovery (d) Media recovery
38. How much problems of concurrency?
(a) Three (b) Four (c) Five (d) Six
39. The data that is in the cursor is called.....
(a) Active dataset (b) Unactive dataset (c) Binary dataset (d) None of this
40. How much types of cursor?
(a) 7 (b) 4 (c) 2 (d) 3
41. If the oracle engine a cursor for its internal processing it is Called.....
(a) Explicit cursor (b) Implicit cursor (c) Integer cursor (d) System cursor
42. How much types of implicit cursor attributes?
(a) 6 (b) 5 (c) 4 (d) 3
43. Which syntax of % is open?
(a) Sql >cursor name % is open; (b) Sql >cursor name % is open
Sql >cursor name is open; Sql cursor name % is open;
44. A cursor can also be opened for processing data through a pl/sql block or element such a user define cursor is known as
(a) Explicit cursor (b) implicit cursor (c) System cursor (d) Active cursor
45. How much types function of cursor?
(a) 5 (b) 4 (c) 6 (d) 3
46. How many row fetched by fetch statement at a time ?
(a) 0 (b) 1 (c) 2 (d) 3
47. The oracle engine has a set of predefined oracle error handlers called.....
(a) Name exception (b) User define exception (c) User name exception (d) Exception
48. Theloop execute command while a specify condition is true.
(a) While loop (b) Do while loop (c) For loop (d) Do loop
49. How much types of exception handling?
(a) 6 (b) 3 (c) 2 (d) 4
50. Raised when the data type or data size invalid is called.....
(a) Number error (b) Login error (c) Value error (d) None of this