Question: 1. The output of the Data Definition Language is stored in the

Option A. view table

Option B. schema

Option C. metadata

Option D. all of the above.

Question: 2. The overall design of a database is called

Option A. Subschema of the database

Option B. Schema of the database

Option C. Structure of the database

Option D. View of the database

Question: 3. Object based data models are used in describing the abstraction of the following levels?

Option A. Conceptual and view

Option B. Only physical

Option C. Physical and conceptual

Option D. Only conceptual

Question: 4. An association of several structure of a data base can be expressed graphically by?

Option A. Tuple

Option B. Record

Option C. Relationship

Option D. Field

Question: 5. In an object oriented model, one object can access data of another object by passing?

Option A. Instance variable

Option B. Variable

Option C. Message

Option D. Function

Question: 6. The collection of information stored in a database at a particular moment is?

Option A. View

Option B. Instance

Option C. Scheme

Option D. None of these

Question: 7. In two-phase locking protocol the two phases are

Option A. growing phase and shrinking phase

Option B. execution phase and blocking phase.

Option C. running phase and sleeping phase.

Option D. none of the above

Question: 8. The _____ states that a foreign key must either match a primary key value in another relation or it must be null.

Option A. entity integrity rule

Option B. referential integrity constraint

Option C. composite attribute

Option D. action assertion

Question: 9. Three SQL, DDL, CREATE commands are

Option A. Schema, Base and Table

Option B. Schema, Table and View

Option C. Base, Table and Schema

Option D. Key, Base and Table

Question: 10. In the architecture of a database system external level is the

Option A. physical level.

Option B. logical level.

Option C. conceptual level

Option D. view level.

Question: 11. An entity set that does not have sufficient attributes to form a primary key is a

Option A. strong entity set.

Option B. weak entity set.

Option C. simple entity set.

Option D. primary entity set.

Question: 12. In a Hierarchical model records are organized as

Option A. Graph.

Option B. List.

Option C. Links.

Option D. Tree.

Question: 13. In an E-R diagram attributes are represented by

Option A. rectangle.

Option B. square.

Option C. ellipse.

Option D. triangle.

Question: 14. In case of entity integrity, the primary key may be

Option A. not Null

Option B. Null

Option C. both Null & not Null.

Option D. any value.

Question: 15. Volatile storage

Option A. loses its contents when power is switched off.

Option B. doesnt loses its contents when power is switched off.

Option C. creates backup when power is switched off.

Option D. none

Question: 16. The language used in application programs to request data from the DBMS is referred to as the

Option A. DML

Option B. DDL

Option C. VDL

Option D. SDL

Question: 17. A logical schema

Option A. is the entire database.

Option B. is a standard way of organizing information into accessible parts.

Option C. describes how data is actually stored on disk.

Option D. both A) and C)

Question: 18. Related fields in a database are grouped to form a

Option A. data file.

Option B. data record.

Option C. menu.

Option D. bank.

Question: 19. The database environment has all of the following components except:

Option A. users.

Option B. separate files.

Option C. database.

Option D. database administrator.

Question: 20. A subschema expresses

Option A. the logical view.

Option B. the physical view.

Option C. the external view.

Option D. all of the above.

Question: 21. Count function in SQL returns the number of

Option A. values.

Option B. distinct values.

Option C. groups.

Option D. columns.

Question: 22. Which one of the following statements is false?

Option A. The data dictionary is normally maintained by the database administrator.

Option B. Data elements in the database can be modified by changing the data dictionary.

Option C. The data dictionary contains the name and description of each data element.

Option D. The data dictionary is a tool used exclusively by the database administrator.

Question: 23. An advantage of the database management approach is

Option A. data is dependent on programs.

Option B. data redundancy increases.

Option C. data is integrated and can be accessed by multiple programs.

Option D. none of the above.

Question: 24. A DBMS query language is designed to

Option A. support end users who use English-like commands.

Option B. support in the development of complex applications software.

Option C. specify the structure of a database.

Option D. all of the above.

Question: 25. Transaction processing is associated with everything below except

Option A. producing detail, summary, or exception reports.

Option B. recording a business activity.

Option C. confirming an action or triggering a response.

Option D. maintaining data.

Question: 26. It is possible to define a schema completely using

Option A. VDL and DDL.

Option B. DDL and DML.

Option C. SDL and DDL.

Option D. VDL and DML.

Question: 27. The method of access which uses key transformation is known as

Option A. direct.

Option B. hash.

Option C. random.

Option D. sequential.

Question: 28. Data independence means

Option A. data is defined separately and not included in programs.

Option B. programs are not dependent on the physical attributes of data.

Option C. programs are not dependent on the logical attributes of data.

Option D. both B) and C).

Question: 29. The statement in SQL which allows to change the definition of a table is

Option A. Select

Option B. Update

Option C. Create

Option D. Alter

Question: 30. In client/server computing data are

Option A. sent only upon the client's request

Option B. sent in complete copies for the client to filter and sort

Option C. never sent to the client machine

Option D. sent in very large sections to save processing time

Answer Sheet

1	C
2	B
3	A
4	C
5	C
6	B
7	A
8	A
9	B
10	D
11	B
12	D
13	C
14	A
15	A
16	A
17	A
18	B
19	A
20	C
21	A
22	B
23	C
24	D
25	C
26	B
27	B
28	@
29	D
30	A