

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

- (a) entity integrity rule
- (b) referential integrity constraint
- (c) action assertion
- (d) composite attribute
- (e) None of these

2. An applet _____

- (a) is an interpreted program that runs on the client
- (b) tracks the number of visitors to a Website
- (c) is a compiled program that usually runs on the client
- (d) collects data from visitors to a Website
- (e) None of these

3. A _____ sometimes called a boot sector virus, executes when a computer boots up because it resides in the boot sector of a floppy disk or the master boot record of a hard disk.

- (a) system virus
- (b) Trojan horse virus
- (c) file virus
- (d) macro virus
- (e) None of these

4. Which error detection method uses one's complement arithmetic?

- (a) Simply parity check
- (b) Checksum
- (c) Two-dimensional parity check
- (d) CRC
- (e) None of these

5. A result of a computer virus can not lead to ____.

- (a) Disk Crash
- (b) Mother Board Crash
- (c) Corruption of program
- (d) Deletion of files
- (e) None of these

6. The network interface card of LAN is related to following layer of OSI Model-

- (a) Transport
- (b) Network
- (c) Data Link
- (d) Physical
- (e) All of these

7. Which of the following does not describe a data warehouse?

- (a) Subject-oriented
- (b) Integrated
- (c) Time-variant
- (d) Updateable
- (e) None of these

8. Which of the following is true ?

- (a) Logical design is software-dependent
- (b) In a distributed database, database is stored in one physical location
- (c) Conceptual design translates the logical design into internal model

- (d) Logical design is software independent
- (e) None of these

9. A range check _____

- (a) ensures that only the correct data type is entered into a field
- (b) verifies that all required data is present
- (c) determines whether a number is within a specified limit
- (d) tests if the data in two or more associated fields is logical
- (e) None of these

10. The total set of interlinked hypertext documents worldwide is-

- (a) HTTP
- (b) Browser
- (c) WWW
- (d) B2B
- (e) None of these

11. With the object-oriented (OO) approach, an object encapsulates, or_____.a programmer.

- (a) carries out, the details of an object for
- (b) hides, the details of an object from
- (c) reveals, the details of an object to
- (d) extends, the details of an object beyond
- (e) None of these

12. Every computer connected to an intranet or extranet must have a distinct_____

- (a) firewall
- (b) proxy server
- (c) IP address
- (d) domain name
- (e) None of these

13. A table of bits in which each row represents the distinct values of a key?

- (a) Join index
- (b) Bitmap index
- (c) B + Tree
- (d) Hierarchical index
- (e) None of these

14. The degree of detail that should be incorporated into a database depends on what?

- (a) Data integrity
- (b) The type of database
- (c) The user's perspective
- (d) The business practices and policies
- (e) None of these

15. The ____converts digital signals to analog signals for the purpose of transmitting data over telephone lines.

- (a) Modem
- (b) Router
- (c) Gateway
- (d) Bridge
- (e) All of these

16. Before a package can be used in a java program it must be_____.

- (a) executed
- (b) referenced
- (c) imported

- (d) declared
- (e) None of these

17. Choose the correct way to indicate that a line in a C++ program is a comment line, that is, a line the will not be executed as an instruction____.

- (a) begin the line with a # sign
- (b) begin the line with double slashes (/ /)
- (c) begin and end the line with double hyphens (-_-)
- (d) indent the line
- (e) None of these

18. Programming language built into user programs such as Word and Excel are known as_____

- (a) 4GLs
- (b) macro languages
- (c) object-oriented languages
- (d) visual programming languages
- (e) None of these

19. Firewalls are used to protect against_____.

- (a) Unauthorized Attacks
- (b) Virus Attacks
- (c) Data Driven Attacks
- (d) Fire Attacks
- (e) All of these

20. This is a standard way for a Web server to pass a Web user's request to an application program and to receive data back to forward to the user-

- (a) Interrupt request
- (b) Forward DNS lookup
- (c) Data-Link layer
- (d) File Transfer Protocol
- (e) Common gateway interface

21. Three SQL, DDL, CREATE commands are_____.

- (a) Schema, Base and Table
- (b) Base, Table and Schema
- (c) Key, Base and Table
- (d) Schema, Table and View
- (e) None of these

22. Data are _____ in client/server computing.

- (a) never sent to the client machine
- (b) sent in very large sections to save processing time
- (c) sent only upon the client's request
- (d) sent in complete copies for the client to filter and sort
- (e) sent from the client to the server for processing

23. Which of the following will not eliminates the ambiguities of a null value?

- (a) Define the attribute as required
- (b) Define subtypes
- (c) Define each attribute as having an initial value that is recognized as blank
- (d) Define supertypes
- (e) None of these

24. The_____directory is mandatory for every disk.

- (a) Root
- (b) Base

- (c) Sub
- (d) Case
- (e) None of these

25. This is a group of servers that share work and may be able to back each other up if one server fails.

- (a) Channel bank
- (b) Cluster
- (c) Tiger team
- (d) Serverless backup
- (e) Logical unit