

- 1). The CMM Level at which measurable goals for quality and productivity are established in
  - a) Level 1
  - b) Level 3
  - c) Level 5
  - d) Level 4
  - e) Level 2
- 2). When you will visit websites spyware may be substantially downloaded. This is called a
  - a) logic bomb
  - b) drive – by download
  - c) Virus
  - d) drive – in download
  - e) spyot
- 3). Malicious software is known as
  - a) disasterware
  - b) badware
  - c) illegalware
  - d) malware
  - e) maliciousware
- 4). A data structure where elements can be added or removed at either end but not in the middle is called
  - a) requeue
  - b) queues
  - c) dequeue
  - d) linked lists
  - e) stacks
- 5). Which of the following are placeholders for literal value in a SQL query being sent to the database
  - a) reduction and resolution variables
  - b) resolution variables
  - c) reduction variables
  - d) assimilation variables
  - e) bind variables

- 6). In TPS systems, an output that signifies that a specific transaction has taken place is called a (n)
- a) detail report
  - b) action document
  - c) inception report
  - d) exception report
  - e) Summary report
- 7). \_\_\_\_\_ is the process whereby media files such as a video start playing as they are downloading
- a) Streaming
  - b) Pushing
  - c) Dragging
  - d) Flashing
  - e) Pulling
- 8). Which of the following statements about Stacks is incorrect?
- a) New nodes can only be added to the top of the stack
  - b) Stacks can be implemented using linked lists
  - c) Stacks are first – in, first – out data structures
  - d) The last node (at the bottom) of a stack has a null(0) link
  - e) stacks are very useful
- 9). The UML designation for a public class member is
- a) the symbol @
  - b) the symbol #
  - c) the minus symbol (-)
  - d) The plus symbol (+)
  - e) The word public
- 10). what type of join is needed when you wish to include rows that do not have matching values?
- a) Equi - join
  - b) Indefinite join
  - c) Intermediate join
  - d) Natural join
  - e) Outer join

**Answers:**

- 1). d) 2). b) 3). d) 4). c) 5). e) 6). b) 7). a) 8). c) 9). d) 10). e)
- 11). A home page is

- a) the web page that identifies a website
- b) a webpage you eventually reach by clicking a series of hyperlinks
- c) a webpage created by an individual home user, as opposed to the one created by a corporation
- d) the last page of the website
- e) the web page you like to visit the most

**12).** A network covering a large geographic area is usually referred to as a(n)

- a) huge area network
- b) wide area network
- c) internetwork
- d) local area network
- e) intranet

**13).** Frame relay

- a) does not use error correction routines
- b) is used by facsimile machines
- c) uses error – correction routines
- d) does not work well on the internet
- e) is an outdated technology

**14).** The design tool used to illustrate the logic of a new computer software logic diagram that uses symbols to represent program elements is called a (n)

- a) data logic chart
- b) data flow diagram
- c) software logic diagram
- d) system flow chart
- e) entity relationship illustration

**15).** A web facility that helps to find sites with the information and / or services that is desired is

- a) a hyperlink
- b) the top inner domain
- c) a search engine
- d) a network access point
- e) a blog

**16).** When new data are to be inserted into a data structure but there is not available space ; this situation is usually called

- a) underflow
- b) overflow
- c) Houseful
- d) saturated
- e) empty

17). A \_\_\_\_\_ is an acyclic digraph, which has only node with in – degree 0, and other nodes have in degree 1.

- a) Dis – joint tree
- b) Direction oriented tree
- c) Directed tree
- d) Diagonalised tree
- e) Undirected tree

18). Which of the following are true of XML ?

- a) XML is too complicated.
- b) XML is difficult to learn
- c) XML is a set of tags designed to tell browsers how to display text on a webpage
- d) XML is a set of rules for creating tags to describe data
- e) XML is a set of tags designed to tell browsers how to display images on a webpage

19). Which of the following forms does not describe parallel ATA devices?

- a) SCSI
- b) IOE and DOE
- c) IOE
- d) DOE
- e) ATA

20). \_\_\_\_\_ maps domain name to their IP addresses.

- a) Wi - Fi
- b) DNS
- c) HTML
- d) XML
- e) Java

**Answers:**

11). a) 12). b) 13). a) 14). d) 15). c) 16). b) 17). c) 18). d) 19). a) 20). b)

- 21). Every host computer on the internet has a (n)
- a) similar IP address
  - b) unique 10 – digit number
  - c) common name and number
  - d) unique IP address
  - e) Unique 15 – digit number
- 22). Which of the following are five built – in functions provided by SQL?
- a) SUM, AVG, MIN, MAX, NAME
  - b) MIN, MAX, MULT, DIV, NAME
  - c) SUM, AVG, MULT, DIV, MIN
  - d) SUM, AVG, MIN, MAX, MULT
  - e) COUNT, SUM, AVG, MAX, MIN
- 23). Common Gateway Interface (CGI) is which of the following?
- a) An interface that accepts and returns data that may be written in SQL
  - b) A small program that executes within other application and is stored on the server
  - c) A small program that executes within other application and is stored on the client
  - d) A small program that executes within other application and is stored on the client or the server
  - e) An interface that accepts and returns data that may be written in any language that produces executable file
- 24). Which of the following wildcard masks is most useful for matching all IP packets in subnet 10.1.128.0, mask 255.255.255.0?
- a) 0.0.0.0
  - b) 0.0.0.255
  - c) 0.0.0240
  - d) 0.0.0.31
  - e) 0.0.15.0
- 25). Which of the following is not a testable Web App security element?
- a) Encryption
  - b) Authentication and Encryption
  - c) Firewalls
  - d) Authentication
  - e) Penetration
- 26). \_\_\_\_\_ are two Important technologies for developing the Semantic web

- a) XML and RDF
- b) XML and HTML
- c) RDF and HTML
- d) Wi-Fi and RDF
- e) Wi-Fi and XML

27). In what kind of storage, we can easily insert, delete, concatenate and rearrange substrings?

- a) Stack
- b) Linked list
- c) Dedicated list
- d) Queue
- e) Array

28). Web Pages can be created using

- a) only Web authoring software
- b) only macromedia Dreamweaver
- c) any Word processor
- d) only Microsoft products
- e) only Microsoft Front Page

29). Which of the following techniques provides redundancy by using two disks and two controllers?

- a) Disk striping
- b) Disk striping with parity
- c) Drive mirroring
- d) Drive mirroring and disk striping
- e) Drive duplexing

30). \_\_\_\_\_ is the term for the use of deception to get someone's sensitive information

- a) Identity theft
- b) Personal engineering
- c) Spoofing
- d) Social engineering
- e) Hacking

**Answers:**

21). d) 22). e) 23). e) 24). b) 25). e) 26). a) 27). b) 28). c) 29). e) 30). d)

31). In addition to an internet connection, which of the following is needed to?

- a) Telnet client
- b) Scanner
- c) Mail client
- d) HP client
- e) Web browser

**32).** A DBMS performs several important functions that guarantee the integrity and consistency of the data in the database. Which of the following is not one of those functions?

- a) Data integrity management
- b) Data reports
- c) Security and storage management
- d) Data storage management
- e) Security management

**33).** A procedural program stores \_\_\_\_\_ in a collection of variables and a set of \_\_\_\_\_ performs operations on it.

- a) parameters ; arguments
- b) data ; functions
- c) assets ; actions
- d) strings ; operators
- e) numbers ; arguments

**34).** Which of the following is the phase of SDLC in which the identified requirements are incorporated into the new system's design

- a) Maintenance
- b) Physical Layout
- c) Requirement design
- d) Systems design
- e) System blueprint

**35).** What does DLCI stand for?

- a) Data Link Circuit Identifier
- b) Data Link Connection interrupt
- c) Data Link Connection Indicator
- d) Data Link Circuit Indicator
- e) Data Link Connection Identifier

**36).** What standard Java Package is used to move the cursors?

- a) Javax swing
- b) java cio
- c) java lo
- d) java facio
- e) java awt event

37). A communications medium where data are transformed into lights pulses is

- a) coaxial cable
- b) optical fibre
- c) satellite
- d) twisted – pair cable
- e) Copper cable

38). \_\_\_\_\_ is a standard for security that is inclined at the network or packet processing layer of network communications, as opposed to the application layer.

- a) Passive FTP
- b) TCP
- c) SSL
- d) S – HTTP
- e) IPsec

39). Locking may cause which of the following problems?

- a) Deadlock
- b) Versioning
- c) Versioning and Deadlock
- d) Erroneous updates
- e) Erroneous updates and deadlock

40). Which of the following is not a WebApp Interface mechanism ?

- a) Links
- b) Cookies
- c) Browser
- d) Cookies and Links
- e) Forms

**Answers:**

31). e) 32). b) 33). b) 34). c) 35). e) 36). e) 37). b) 38). e) 39). a) 40). c)



41). \_\_\_\_\_ is one of the older and slowest methods an intruder might use to scan a network to determine which of a range of IP addresses map to live hosts.

- a) Ping sweep
- b) Phreaking
- c) Smurfing
- d) War driving
- e) Brute force cracking

42). which of the following is used to create and delete views and relations within tables?

- a) SQL Data Identification Language
- b) SQL Data Identification and Manipulation Language
- c) SQL Data Relational Language
- d) SQL Data Definition Language
- e) SQL Data Manipulation Language

43). Criminal hacking is called

- a) cracking
- b) a virus
- c) a trojan horse
- d) a worm
- e) blasting

44). Backword recovery is which of the following?

- a) Where the before – images are applied to the database
- b) Where the after – images and a = before – images are applied to the database.
- c) Where the after – images are applied to the database
- d) Continuing without any recovery
- e) Switching to an existing copy of the database

45). \_\_\_\_\_ is the integration of economic, social, cultural and ecological facets of life, enabled by information technologies.

- a) Business environment
  - b) Neutralisation
  - c) Nationalisation
  - d) Regionalisation
  - e) Globalisation
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46). \_\_\_\_\_ is the process and tools used by managers and executives with the support of the project team to manage employee resistance.

- a) Resistance management
- b) Change management
- c) Detailing management
- d) Probing management
- e) Blasting management

47). A cross life – cycle activity of system development is

- a) data modeling
- b) fact finding
- c) prototyping
- d) data flow diagram modeling
- e) object modeling

48). The result of a SQL SELECT statement is a(n)

- a) report
- b) file
- c) page
- d) table
- e) form

49). Web App performance tests are designed to

- a) assess Web App usability
- b) test network performance
- c) test network connectivity
- d) evaluate page loading times
- e) simulate real – world loading situations

50). A CASE SQL statement is which of the following?

- a) A way to establish a data definition in SQL or establish a loop in SQL
- b) A way to establish an IF – THEN – ELSE in SQL
- c) A way to establish a loop in SQL
- d) A way to establish a data definition in SQL
- e) Establish a loop in SQL and establish an IF – THEN – ELSE in SQL

**Answers:**

41). a) 42). d) 43). a) 44). a) 45). e) 46). a) 47). b) 48). d) 49). e) 50). b)