

## Important MCQs

1. Which of the following does not affect the resolution of a video display image?

- (a) Bandwidth
- (b) Raster scan rage
- (c) Vertical and horizontal lines of resolution
- (d) Screen Size
- (e) None of these

**Ans : (a)**

2. Latency time is

- (a) Time to spin the needed data under head
- (b) Time to spin the needed data under track
- (c) Time to spin data under sector
- (d) All of these
- (e) None of these

**Ans : (a)**

3. DPI stands for

- (a) Desktop projection Ink
- (b) Dot per inch
- (c) Dot-matrix printer ink
- (d) Desktop pixel Inch
- (e) None of these

**Ans : (b)**

4. Databases software may be divided into

- (a) five distinct categories
- (b) four distinct categories
- (c) three distinct categories
- (d) two distinct categories
- (e) None of these

**Ans : (c)**

5. File record length

- (a) Should always be fixed
- (b) Should always be variable
- (c) Depends upon the size of file
- (d) Should be chosen to match the data characteristics.
- (e) None of these

**Ans : (d)**

6. ....is the time required by a sector to reach below read/write heat

- (a) Seek Time
- (b) Latency Time
- (c) Access Time
- (d) None
- (e) None of these

**Ans : (b)**

7. ....is a technique of improving the priority of process waiting in Queue for CPU allocation

- (a) Starvation
- (b) Ageing
- (c) Revocation
- (d) Relocation
- (e) None of these

**Ans : (b)**

8. A grammar for a programming language is a formal description of

- (a) Syntax
- (b) Semantics
- (c) Structure
- (d) Code
- (e) None of these

**Ans : (c)**

9. ....is a technique of temporarily removing inactive programs from the memory of computer system

- (a) Swapping
- (b) Spooling

- (c) Semaphore (d) Scheduler
- (e) None of these

**Ans : (a)**

**10.** The memory allocation scheme subject to “external” fragmentation is

- (a) segmentation
- (b) swapping
- (c) pure demand paging
- (d) multiple fixed contiguous partitions
- (e) None of these

**Ans : (a)**

**11.** Virtual memory is

- (a) simple to implement
- (b) used in all major commercial operating systems
- (c) less efficient in utilization of memory
- (d) useful when fast I/O devices are not available
- (e) None of these

**Ans : (b)**

**12.** Before proceeding with its execution, each process must acquire all the resources it needs is called

- (a) hold and wait
- (b) No pre-emption
- (c) circular wait
- (d) starvation
- (e) None of these

**Ans : (a)**

**13.** The main reason to encrypt a file is to .....

- (a) Reduce its size
- (b) Secure it for transmission

- (c) Prepare it for backup
- (d) Include it in the start-up sequence
- (e) None of these

**Ans : (b)**

**14.** ‘LRU’ page replacement policy is

- (a) Last Replaced Unit
- (b) Last Restored Unit
- (c) Least Recently Used
- (d) Least Required Unit
- (e) None of these

**Ans : (c)**

**15.** Which of the following is not a fundamental process state

- (a) ready
- (b) terminated
- (c) executing
- (d) blocked
- (e) None of these

**Ans : (d)**

**16.** ODBC stands for

- (a) Object Database Connectivity
- (b) Oral Database Connectivity
- (c) Oracle Database Connectivity
- (d) Open Database Connectivity
- (e) None of these

**Ans : (d)**

**17.** Which two files are used during operations of the DBMS

- (a) Query languages and utilities
- (b) DML and query language
- (c) Data dictionary and transaction log
- (d) Data dictionary and query language

(e) None of these

**Ans : (c)**

**18.** A protocol is a set of rules governing a time sequence of events that must take place

- (a) between peers
- (b) between an interface
- (c) between modems
- (d) across an interface
- (e) None of these

**Ans : (a)**

**19.** In communication satellite, multiple repeaters are known as

- (a) detector
- (b) modulator
- (c) stations
- (d) transponders
- (e) None of these

**Ans : (d)**

**20.** Which of the following is required to communicate between two computers?

- (a) communications software
- (b) protocol
- (c) communication hardware
- (d) all of above including access to transmission medium
- (e) None of these

**Ans : (d)**

**21.** Which of the following is an advantage to using fiber optics data transmission?

- (a) resistance to data theft
- (b) fast data transmission rate
- (c) low noise level
- (d) All of these
- (e) None of these

**Ans : (d)**

**22.** Which of the following is not a transmission medium?

- (a) telephone lines
- (b) coaxial cables
- (c) modem
- (d) microwave systems
- (e) None of these

**Ans : (c)**

**23.** A technique for direct search is

- (a) Binary Search
- (b) Linear Search
- (c) Tree Search
- (d) Hashing
- (e) None of these

**Ans : (d)**

**24.** Two main measures for the efficiency of an algorithm are

- (a) Processor and memory
- (b) Complexity and capacity
- (c) Time and Space
- (d) Data and Space
- (e) None of these

**Ans : (c)**

**25.** The space factor when determining the efficiency of algorithm is measured by

- (a) Counting the maximum memory needed by the algorithm
- (b) Counting the minimum memory needed by the algorithm
- (c) Counting the average memory needed by the algorithm
- (d) Counting the maximum disk space needed by the algorithm
- (e) None of these

**Ans : (a)**

26. The memory address of the first element of an array is called

- (a) floor address
- (b) foundation address
- (c) first address
- (d) base address
- (e) None of these

**Ans : (d)**

27. The term “push” and “pop” is related to the

- (a) array
- (b) lists
- (c) stacks
- (d) all of these
- (e) None of these

**Ans : (c)**

28. What does Router do in a network?

- (a) Forwards a packet to all outgoing links
- (b) Forwards a packet to the next free outgoing link
- (c) Determines on which outgoing link a packet is to be forwarded
- (d) Forwards a packet to all outgoing links except the original link
- (e) None of these

**Ans : (c)**

29. Repeater operates in which layer of the OSI model?

- (a) Physical layer
- (b) Data link layer
- (c) Network layer
- (d) Transport layer
- (e) None of these

**Ans : (a)**

30. GIF images can have only upto ..... colors

- (a) 128
- (b) 256
- (c) 512
- (d) 1024
- (e) None of these

**Ans : (b)**

31. .... is stored on a client and contains state information of the website visited

- (a) Cookies
- (b) Servlet
- (c) History
- (d) Resident Page
- (e) None of these

**Ans : (a)**

32. .... are small applications that are accessed on an internet server, transported over the internet, automatically installed and run as part of a web document.

- (a) Applets
- (b) Java Bean
- (c) Sockets
- (d) Java Component
- (e) None of these

**Ans : (a)**

33. Encryption is the conversion of data in some intelligible format into an unintelligible format called ..... to prevent the data from being understood if read by an unauthorized party.

- (a) Clear Text
- (b) Encrypted Text
- (c) Cipher Text
- (d) Coded Text
- (e) None of these

**Ans : (c)**

34. The method for storing data temporarily such that the input-output of the same job is overlapped with its own processing, is known as :

- (a) Spooling
- (b) Contention
- (c) I/O wait
- (d) Buffering
- (e) None of these

**Ans : (d)**