

- Which of the following does not affect the resolution of a video display image ?
 - Bandwidth
 - Raster scan rage
 - Vertical and horizontal lines of resolution
 - Screen Size
 - None of these
- Easily relocatable language is
 - Machine language
 - Assembly language
 - High level language
 - Medium level language
 - Low level language
- Latency time is
 - Time to spin the needed data under head
 - Time to spin the needed data under track
 - Time to spin data under sector
 - All of the above
 - None of these
- One of the main feature that distinguish microprocessors from micro-computers is
 - Words are usually larger in microprocessors
 - Words are shorter in microprocessors
 - Microprocessor does not contain I/O devices
 - Exactly the same as the machine cycle tim
 - None of these
- DPI stands fot
 - Desktop projection Ink
 - Dot per Inch
 - Dotmatrix printer ink
 - Desktop pixel Inch
 - None of these
- Database software may be divided into
 - five distinct categories
 - four distinct categories
 - three distinct categories
 - two distinct categories
 - None of these
- File record length
 - Should always be fixed
 - Should always be variable
 - Depends upon the size of file
 - Should be chosen to match the data characteristics.
 - None of these
- is the time required by a sector to reach below read/write head
 - Seek Time
 - Latency Time
 - Access time
 - None
 - None of these
- is a technique of improving the priority of process waiting in Queue for CPU allocation
 - Starvation
 - Ageing
 - Revoacation
 - Relocation
 - None of these
- A grammar for a programming language is a formal description of
 - Syntax
 - Semantics
 - Structure
 - Code
 - None of these
- is a technique of temporarily removing inactive programs from the memory of computer system
 - Swapping
 - Spooling
 - Semaphore
 - Scheduler
 - None of these
- The memory allocation scheme subject to "external" fragmentation is
 - segmentation
 - swapping
 - pure demand paging
 - multiple fixed contiguous partitions
 - None of these
- Virtual memory is
 - simple to implement
 - used in all major commercial operating systems
 - less efficient in utilization of memory
 - useful when fast I/O devices are not available
 - None of these
- Before proceeding with its execution, each process must acquire all the resources it needs is called
 - hold and wait
 - No pre-emption
 - circular wait
 - starvation
 - None of these
- The main reason to encrypt a file is to
 - Reduce its size
 - Secure it for transmission
 - Prepare it for backup

- (4) Include it in the start-up sequence
(5) None of the these
16. 'LRU' page replacement policy is
(1) Last Replaced Unit (2) Last Restored Unit.
(3) Least Recently Used (4) Least Required Unit.
(5) None of the these
17. Which of the following is not a fundamental process state
(1) ready (2) terminated
(3) executing (4) blocked
(5) None of the these
18. ODBC stands for
(1) Object Database Connectivity.
(2) Oral Database Connectivity.
(3) Oracle Database Connectivity.
(4) Open Database Connectivity.
(5) None of the these
19. Which two files are used during operation of the DBMS
(1) Query languages and utilities
(2) DML and query language
(3) Data dictionary and transaction log
(4) Data dictionary and query language
(5) None of the these
20. A protocol is a set of rules governing a time sequence of events that must take place
(1) between ~~network participants~~ an interface
(3) between modems (4) across an interface
(5) None of the these
21. In communication satellite, multiple repeaters are known as
(1) detector (2) modulator
(3) stations (4) transponders
(5) None of the these
22. Which of the following is required to communicate between two computers?
(1) communications software
(2) protocol
(3) communication hardware
(4) all of above including access to transmission medium
(5) None of the these
23. Which of the following is an advantage to using fiber optics data transmission?
(1) resistance to data theft
(2) fast data transmission rate
(3) low noise level
(4) all of above
24. Which of the following is not a transmission medium?
(1) telephone lines (2) coaxial cables
(3) modem (4) microwave systems
(5) None of the these
25. What is meant by a dedicated computer?
(1) which is used by one person only
(2) which is assigned to one and only one task

- (3) which does one kind of software
(4) which is meant for application software only
26. A computer program that converts an entire program into machine language at one time is called a/an
(1) interpreter (2) simulator
(3) compiler (4) commander
(5) None of these
27. A technique for direct search is
(1) Binary Search (2) Linear Search
(3) Tree Search (4) Hashing
(5) None of these
28. Two main measures for the efficiency of an algorithm are
(1) Processor and memory
(2) Complexity and capacity
(3) Time and space
(4) Data and space
(5) None of these
29. The space factor when determining the efficiency of algorithm is measured by
(1) Counting the maximum memory needed by the algorithm
(2) Counting the minimum memory needed by the algorithm
(3) Counting the average memory needed by the algorithm
(4) Counting the maximum disk space needed by the algorithm
(5) None of these
30. The memory address of the first element of an array is called
(1) floor address (2) foundation address
(3) first address (4) base address
(5) None of these
31. The term "push" and "pop" is related to the
(1) array (2) lists
(3) stacks (4) all of above
(5) None of these
32. What does Router do in a network?
(1) Forwards a packet to all outgoing links
(2) Forwards a packet to the next free outgoing link
(3) Determines on which outgoing link a packet is to be forwarded
(4) Forwards a packet to all outgoing links except the originated link
(5) None of these
33. Repeat operates in which layer of the OSI model?
(1) Physical layer (2) Data link layer
(3) Network layer (4) Transport layer
(5) None of these
34. IP addresses are converted to
(1) a binary string
(2) alphanumeric string
(3) a hierarchy of domain names
(4) a hexadecimal string
(5) None of these
35. By an intranet we mean
(1) a LAN of an organization
(2) a Wide Area Network connecting all branches of an organization
(3) a corporate computer network
(4) a network connecting all computers of an organization and using the internet protocol
(5) None of these
36. GIF images can have only upto colors.
(1) 128 (2) 256 (3) 512
(4) 1024 (5) None of these
37. is stored on a client and contains state information of the website visited
(1) Cookies (2) Servlet
(3) History (4) Resident Page
(5) None of these
38. are small applications that are accessed on an internet server, transported over the internet, automatically installed and run as part of a web document.
(1) Applets (2) Java Bean
(3) Sockets (4) Java Component
(5) None of these
39. 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.
(1) Clear Text (2) Encrypted Text
(3) Cipher Text (4) Coded Text
(5) None of these
40. The method for storing data temporarily such that the input-output of the same job is overlapped with its own processing, is known as:
(1) Spooling (2) Contention
(3) I/O wait (4) Buffering
(5) None of these

Answer-Sheet

1. (1)	2. (2)	3. (1)	4. (3)	5. (2)	6. (3)	7. (4)	8. (2)	9. (2)	10. (3)
11. (1)	12. (3)	13. (2)	14. (1)	15. (2)	16. (3)	17. (4)	18. (4)	19. (3)	20. (1)
21. (4)	22. (4)	23. (4)	24. (3)	25. (2)	26. (3)	27. (4)	28. (3)	29. (1)	30. (4)
31. (3)	32. (3)	33. (1)	34. (3)	35. (4)	36. (2)	37. (1)	38. (1)	39. (3)	40. (4)