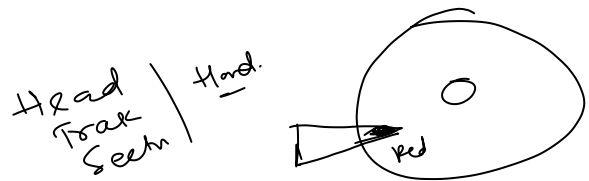


Computer Important Questions Discuss

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

- ~~(a) Bandwidth~~ ✓ — intended sample rate vs www.computer.org.uk.net
- (b) Raster scan range
- (c) Vertical and horizontal lines of resolution
- (d) Screen Size
- (e) None of these

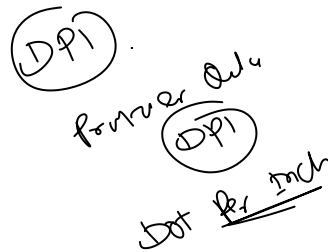


2. Latency time is ✓

- ~~(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

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



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

① Relational Database
② Object oriented Database
③ NOSQL DB

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

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

Latency Time

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

① \rightarrow \rightarrow \rightarrow
② \rightarrow \rightarrow \rightarrow

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

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

Σ

\S

$S \rightarrow O + V \rightarrow \text{Summe}$
 $O + V \rightarrow S \times$
 $S \rightarrow O + V \rightarrow \text{Summe}$
 $S + V \rightarrow O \rightarrow \text{Summe}$

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

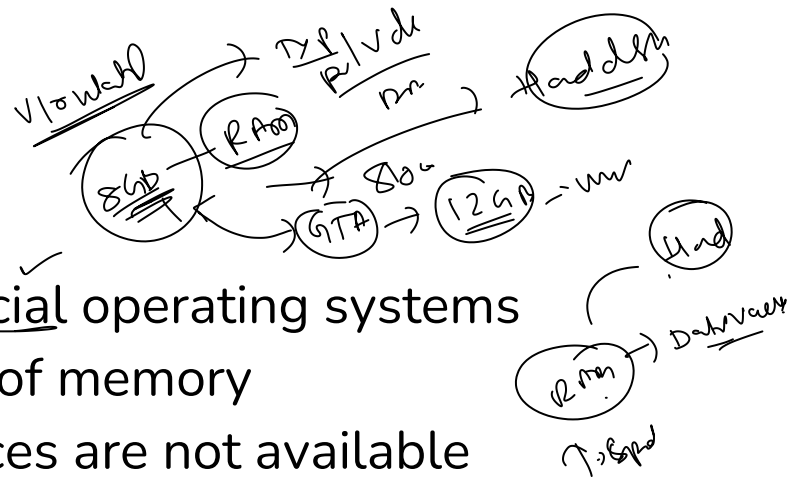
10. The memory allocation scheme subject to external fragmentation is

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



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



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

13. The main reason to encrypt a file is to

- (a) Reduce its size → * (Pdr) — Computer
- (b) Secure it for transmission
- (c) Prepare it for backup ✗
- (d) Include it in the start-up sequence ✗
- (e) None of these

encrypt → T J m

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

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

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

16. ODBC stands for

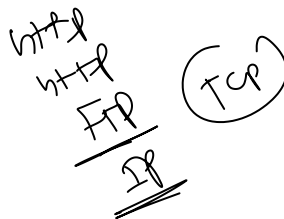
- (a) Object Database Connectivity
- (b) Oral Database Connectivity
- (c) Oracle Database Connectivity
- (d) Open Database Connectivity
- (e) None of these

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

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



19. In communication satellite, multiple repeaters are known as

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

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

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

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

*Trouble / Any v. bus
Any*

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

23. A technique for direct search is

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

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

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

4

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

27. The term push and pop is related to the

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



28. What does Router do in a network?

- (a) Forwards a packet to all outgoing links ~~X~~
- (b) Forwards a packet to the next free outgoing link ~~X~~
- (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

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

repeater ? router

30. GIF images can have only up to _____ colors

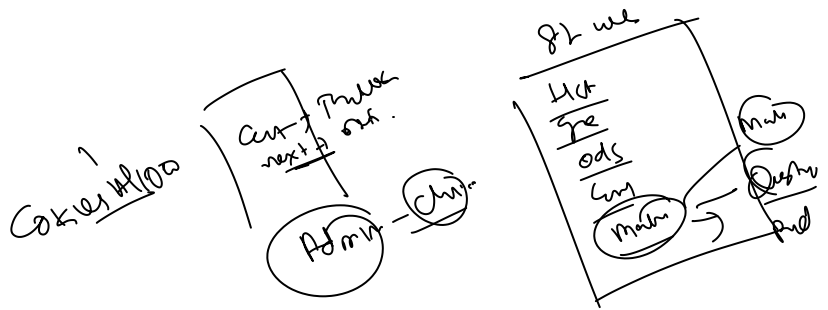
- (a) 128
- (b) 256
- (c) 512
- (d) 1024
- (e) None of these

256

(gif)

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



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

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

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

Don't know

Buffering

35. Each cell in Microsoft Office Excel documents is referred to by its cell address, which is the..

(a) cells column label ✗

(b) cells column label and worksheet tab name ✗

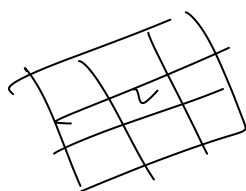
(c) cells row and column labels ✓

(d) cells row label

(e) None of these

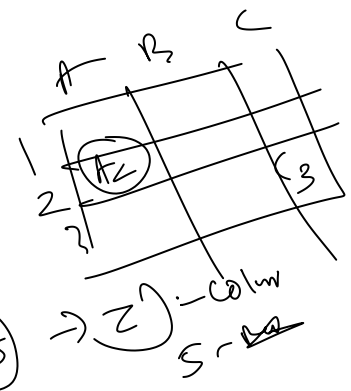
A2

C2



D2

Z5



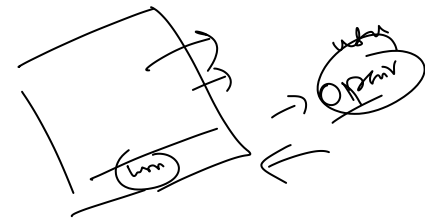
36. The lowest form of computer language is called

- (a) BASIC
- (b) FORTRAN
- (c) Machine Language ✓
- (d) COBOL
- (e) None of these

Computer kind
290 - comp
for - How)

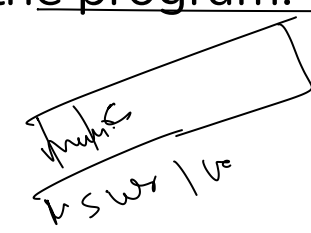
37. The portion of the application that you work with in an application software package is the

- (a) user interface
- (b) utility interface
- (c) processing interface
- (d) analytical interface
- (e) None of these



38. A provides access to features of the program.

- (a) menu bar
- (b) browser
- (c) Office Assistant
- (d) feature presentation
- (e) None of these



39. Menus are a part of the

- (a) hardware ✓

- (b) monitor X
- (c) Status Bar X
- (d) user interface
- (e) None of these

40. Which of the following is the term for a request for specific data contained in a database?

- (a) question
- (b) query
- (c) inquiry
- (d) quiz
- (e) None of these

41. Windows 7 is an example of a(n)

- (a) application software X
- (b) browser X
- (c) Operating system
- (d) shareware
- (e) None of these

42. The most powerful type of computer.

- (a) mainframe computers — (2)
- (b) microcomputers — (4)

(c) minicomputers — (3)

(d) supercomputers

(e) None of these

43. The system component that controls and manipulates data in order to produce information is called the

(a) keyboard

(b) microprocessor ✓

(c) monitor

(d) mouse

(e) None of these

44. Which of the following is not an operating system for mobile phones? _____ ✓

(a) Android

(b) Symbian)

(c) ~~iOS~~

(d) Bada _____

(e) ~~All of these are OS for mobile phones~~ ✓

Ans : (e) _____

45. This type of file is created by word processors.

(a) ~~worksheet~~

(b) document

ms word

- (c) database
- (d) presentation
- (e) None of these

46. Many experts are predicting that this revolution is expected to dramatically affect the way we communicate and use computer technology.

- (a) graphics
- (b) input
- (c) memory
- (d) wireless
- (e) None of these



47. The Internet was launched in 1969 when the United States funded a project that developed a national computer network called

- (a) Web
- (b) ISP
- (c) CERN
- (d) ARPANET
- (e) None of these

48. A(n)..program provides access to Web resources.

- (a) Web
- (b) ISP
- (c) browser
- (d) URL
- (e) None of these

49. Rules for exchanging data between computers are called

- (a) programs
- (b) procedures
- (c) protocols
- (d) hyperlinks
- (e) None of these

50. The last part of the domain name following the dot(.) is the top. Domain

- (a) Level
- (b) link
- (c) locator
- (d) language
- (e) None of these

