

1. Full form of OSI :  
(A) Open systems interconnect (B) Operating system interconnect  
(C) Other systems interconnect (D) None of the above
2. Delivery of sequence of packets are done at :  
(A) Physical layer (B) Data link layer  
(C) Transport layer (D) Session layer
3. What is FCC?  
(A) Federal communications committee (B) Fast collision coefficient  
(C) File control connector (D) None of the above
4. Full form of SONET :  
(A) Synchronous optical network (B) Satellite observation network  
(C) Semantic optional network (D) Systematic observation network
5. What is DBS?  
(A) Data base systems (B) Direct broadcast satellite  
(C) Data bound services (D) None of the above
6. Heavy duty coaxial cables are called :  
(A) Thin cable (B) Thick cable  
(C) Heavy cable (D) Copper cable
7. IEEE 802.11 is standard for :  
(A) Wireless personal area network (B) Wireless local area network  
(C) Optical networks (D) None of the above
8. Which is best suited for ALOHA?  
(A) Multiple access channel (B) Carrier sense  
(C) No carrier sense (D) Flow control

9. Point to point transmission with one sender and one receiver is called as :
- (A) Multicasting (B) Single casting  
(C) Unicasting (D) Broadcasting
10. POP serves for :
- (A) Sending e-mail to remote server  
(B) Retrieving e-mail from remote server  
(C) Access mailbox account on mail server  
(D) None of the above
11. Best name for a junction that allows one to enter in to network or to exit out of the network :
- (A) Hub (B) Router  
(C) Gateway (D) Switch
12. A node on a network can be :
- (A) Computer (B) Workstation  
(C) Printer (D) Any of the above
13. Which of the following devices will increase the band width and separating collision domains?
- (A) Switch (B) Hub  
(C) Router (D) Bridge
14. Repeater operates on :
- (A) Data link layer (B) Presentation layer  
(C) Physical layer (D) Network layer
15. IPv. 6 address space :
- (A) 16 bits long (B) 32 bits long  
(C) 64 bits long (D) 128 bits long
16. Address 198.76.9.23 belongs to which class :
- (A) Class A (B) Class B  
(C) Class C (D) Class D
17. The host id of the address 129.6.8.4 is :
- (A) 8.4 (B) 129.6  
(C) 6.8 (D) None of the above

18. Process of extracting the address of physical network from an IP address is called :
- (A) Mapping (B) Masking  
(C) Subnetting (D) Spooling
19. Which of the following allows a host to discover its Internet address when it knows only its physical address?
- (A) RARP (B) ICMP  
(C) IGMP (D) ARP
20. Which of the following is a framework for managing devices in an internet using TCP/IP protocol suit?
- (A) SMI (B) SNMP  
(C) MIB (D) BER
21. In which of the following layers Framing is performed?
- (A) Physical layer (B) Network layer  
(C) Session layer (D) Data link layer
22. Digital transmission is sometimes called as :
- (A) Multiplexed transmission (B) Line coded transmission  
(C) Baseband transmission (D) Composite transmission
23. FDISK is used for :
- (A) Formatting disk (B) Creating partitions on disk  
(C) Creating a boot disk (D) Fixing errors on disk
24. What is meant by Seek time?
- (A) Time to select a track  
(B) Time to select a sector  
(C) Time taken to access a data  
(D) Time taken by the disk for one complete rotation
25. Bandwidth of a network represents :
- (A) No. of connecting links  
(B) No. of packets that can be transmitted  
(C) Transmission capacity of channel  
(D) All the above

26. Which of the following is used to send mail on internet?  
(A) FTP (B) HTTP  
(C) POP (D) SMTP
27. X.25 stands for :  
(A) Protocol for packet switching (B) A data link layer protocol  
(C) A GUI standard (D) Protocol for Framing
28. The notation X on CD/DVD drives represents :  
(A) 15 KB/Sec (B) 150 KB/Sec  
(C) 1500 KB/Sec (D) 15000 KB/Sec
29. Land and pit in optical disk represents :  
(A) 1 and 0 respectively (B) 0 and 1 respectively  
(C) 1 and 11 respectively (D) 11 and 1 respectively
30. UV light is used to erase data stored in :  
(A) PROM (B) EPROM  
(C) EEPROM (D) None of the above
31. The data block a very large file in UNIX file system are allocated using:  
(A) Contiguous allocation (B) Linked allocation  
(C) Indexed allocation (D) An extension of indexed allocation
32. A telephone switch is a good example for :  
(A) Packet (B) Buffer  
(C) Fabric (D) Circuit
33. Hamming code is a method of :  
(A) Error detection (B) Error correction  
(C) Both error detection and correction (D) Analog to digital conversion
34. The principle of locality of reference justifies the use of :  
(A) Interrupts (B) Polling  
(C) Thrashing (D) Cache memory

35. The rating in bits per second for UTP Cat 5 wiring is :
- (A) 2 Mbps (B) 4 Mbps  
(C) 10 Mbps (D) 100 Mbps
36. Jobs sent to a printer are generally placed on a :
- (A) Queue (B) Priority queue  
(C) Stack (D) Hash table
37. Which of the following network architecture was developed by IBM?
- (A) XNS (B) DECNET  
(C) SNA (D) Novell
38. DNS is used to locate the :
- (A) MAC address of URL (B) IP address of URL  
(C) Root domain of URL (D) Domain name of a URL
39. In communication satellite multiple repeaters are known as :
- (A) Detector (B) Modulator  
(C) Stations (D) Transponders
40. What is compaction?
- (A) A technique for overcoming fatal error  
(B) A paging technique  
(C) A technique to overcome internal fragmentation  
(D) A technique to overcome external fragmentation
41. The set of tracks that are at one arm position make up a :
- (A) Disk surface (B) Cylinders  
(C) Disk thrash (D) Sectors
42. Which is true regarding Cross compiler?
- (A) Which is written in a language that is different from source language  
(B) That generates object code for its host machine  
(C) Which is written in a language that is same as the source language  
(D) That runs on one machine but produces object code for another machine

43. SRAM is used for :
- (A) Construction of RAM
  - (B) Construction of Cache
  - (C) Construction of ROM
  - (D) Construction of SDRAM
44. Microsoft is planning to release \_\_\_\_\_ OS that will support PCs, smart phones, tablets and laptop :
- (A) Windows 8.2
  - (B) Windows 8.3
  - (C) Windows 9
  - (D) Windows 10
45. Booting is process of :
- (A) Loading application program from secondary memory to primary memory
  - (B) Loading OS from secondary memory to primary memory
  - (C) Loading OS from primary memory to secondary memory
  - (D) All of the above
46. 1 TB represents :
- (A) 1024 GB
  - (B) 1024X1024 GB
  - (C) 1024X1024X1024 GB
  - (D) 1024X1024X1024X1024 GB
47. Who developed Android operating system?
- (A) Samsung
  - (B) Microsoft
  - (C) Google
  - (D) None of the above
48. \_\_\_\_\_ is a type of computer virus that pretends to be a regular downloadable program, but once downloaded it harms the system.
- (A) Trojan Horse
  - (B) Spam
  - (C) Worm
  - (D) None of the above
49. 1 nibble represents :
- (A) 32 bits
  - (B) 16 bits
  - (C) 8 bits
  - (D) 4 bits
50. An operating system performs :
- (A) Resource management
  - (B) Process management
  - (C) Provides interface between user and hardware
  - (D) All the above

51. Which IEEE standard defines LLC and MAC sublayers?  
(A) 802.1 (B) 802.2  
(C) 802.3 (D) 802.4
52. \_\_\_\_\_ media access method is used in Ethernet networks.  
(A) Token passing (B) CSMA/CD  
(C) CSMA/CA (D) All the above
53. Which of the following topology is generally most reliable?  
(A) Mesh (B) Star  
(C) Ring (D) Bus
54. Which of the following is not a protocol related to TCP/IP?  
(A) SLIP (B) FTP  
(C) IPX (D) DHCP
55. Which of the following is not an advantage of the NTFS file system?  
(A) Higher security  
(B) Efficient for small disk capabilities  
(C) Fault tolerance  
(D) Better use of large disk capabilities
56. Which of the following TCP/IP port is used for web server?  
(A) 20 (B) 40  
(C) 60 (D) 80
57. \_\_\_\_\_ is pressed during boot process to display the startup menu.  
(A) F6 (B) F7  
(C) F8 (D) F9
58. Which of the following is invention of Charles Babbage?  
(A) Abacus (B) Numerical wheel calculator  
(C) ENIAC (D) Difference engine
59. Full form of USB  
(A) Universal Synchronous Bus (B) Universal System Bus  
(C) Universal Serial Bus (D) Universal Static Bus

60. Data accessing time from a disk depends on :
- (A) Latency time
  - (B) Seek time
  - (C) Backoff factor
  - (D) Both (A) and (B)
61. Bluetooth operates in the range :
- (A) 2400-2483.5 MHz
  - (B) 8000-8550.5 MHz
  - (C) 1000- 1500.5 MHz
  - (D) 9000-9385.5 MHz
62. Full form of WiFi :
- (A) Wireless first
  - (B) Wireless friendly
  - (C) Wireless fetching
  - (D) Wireless fidelity
63. Mark Zuckerberg is related to :
- (A) Facebook
  - (B) Google
  - (C) Whatsapp
  - (D) Wikipedia
64. Original UNIX was developed by :
- (A) Linus Torwald
  - (B) Ken Thomson, Dennis Ritchie
  - (C) Allen Torin, Michael Stephnes
  - (D) Robert Cooper
65. DOS command ping is used :
- (A) To connect system in to network
  - (B) To check system is working properly
  - (C) To check system is in network or not
  - (D) To check memory of the system
66. A collection of computers which seems to be a single system for the users :
- (A) Distributed systems
  - (B) Computer network systems
  - (C) Ad hoc network systems
  - (D) Both (A) and (B)
67. A communication channel is shared by all the machines in the network in :
- (A) Unicast network
  - (B) Multicast network
  - (C) Broadcast network
  - (D) Point to point networks



68. Topology in which a central computer surrounded by one or more computers is called :
- (A) Ring topology (B) Star topology  
(C) Tree topology (D) Bus topology
69. Weakening of signal power as light travels down in fiber optic cable is called as :
- (A) Attenuation (B) Signal fall  
(C) Scattering (D) Frequency fall
70. Laser printer is :
- (A) Character printer (B) Line printer  
(C) Page printer (D) Bulk printer
71. Constant refreshing of cells are needed in :
- (A) SRAM (B) DRAM  
(C) Cache (D) Registers
72. Which of the following bidirectional?
- (A) Control bus (B) Address bus  
(C) Data bus (D) All the above
73. RS 232 is a standard applied to :
- (A) Serial port (B) Parallel port  
(C) USB port (D) Networks
74. Knowledge base is related to :
- (A) Compilers (B) Operating systems  
(C) Artificial intelligence (D) GUI
75. \_\_\_\_\_ defines a common logical format for files and directories of data disk.
- (A) ISO 9330 (B) ISO 9440  
(C) ISO 9550 (D) ISO 9660
76. The basic architecture of computer was developed by :
- (A) Charles Babbage (B) Blaise Pascal  
(C) John Von Neumann (D) None of the above