



spardhaguru2022



Spardhaguru Current affairs



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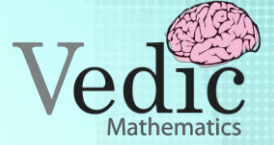
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1) What is a computer network?

- a) A device used to display information on a computer screen
- b) A collection of interconnected computers and devices that can communicate and share resources
- c) A type of software used to create documents and presentations
- d) The physical casing that protects a computer's internal components

2) What is internet?

- a) A network of interconnected local area networks
- b) A collection of unrelated computers
- c) Interconnection of wide area networks
- d) A single network

3) Which of the following is an example of Bluetooth?

- a) wide area network
- b) virtual private network
- c) local area network
- d) personal area network

4) Which of the following computer networks is built on the top of another network?

- a) overlay network
- b) prime network
- c) prior network
- d) chief network

5) What is the full form of OSI?

- a) optical service implementation
- b) open service Internet
- c) open system interconnection
- d) operating system interface

6) When a collection of various computers appears as a single coherent system to its clients, what is this called?

- a) mail system
- b) networking system
- c) computer network
- d) distributed system

7) How many layers are there in the ISO OSI reference model?

- a) 7
- b) 5
- c) 4
- d) 6

8) What are nodes in a computer network?

- a) the computer that routes the data
- b) the computer that terminates the data
- c) the computer that originates the data
- d) all of the mentioned

9) Which one of the following is not a function of network layer?

- a) congestion control
- b) error control
- c) routing
- d) inter-networking

10) How is a single channel shared by multiple signals in a computer network?

- a) multiplexing
- b) phase modulation
- c) analog modulation
- d) digital modulation

11) Which of the following devices forwards packets between networks by processing the routing information included in the packet?

- a) firewall
- b) bridge
- c) hub
- d) router

12) What is the term for an endpoint of an inter process communication flow across a computer network?

- a) port
- b) machine
- c) socket
- d) pipe





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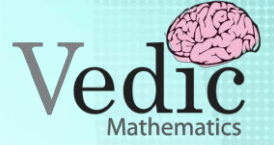
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13) How do two devices become part of a network?

- a) PIDs of the processes running of different devices are same
- b) a process in one device is able to exchange information with a process in another device
- c) a process is active and another is inactive
- d) a process is running on both devices

14) Which layer does the data link layer take packets from and encapsulate them into frames for transmission?

- a) transport layer
- b) application layer
- c) network layer
- d) physical layer

15) Which of this is not a network edge device?

- a) Switch
- b) PC
- c) Smartphones
- d) Servers

16) Which type of network shares the communication channel among all the machines?

- a) anycast network
- b) multicast network
- c) unicast network
- d) broadcast network

17) Which topology requires a multipoint connection?

- a) Ring
- b) Bus
- c) Star
- d) Mesh

18) Which of the following maintains the Domain Name System?

- a) a single server
- b) a single computer
- c) distributed database system
- d) none of the mentioned

19) When discussing IDS/IPS, what is a signature?

- a) It refers to "normal," baseline network behavior
- b) It is used to authorize the users on a network
- c) An electronic signature used to authenticate the identity of a user on the network
- d) Attack-definition file

20) Which of the following are Gigabit Ethernets?

- a) 1000 BASE-LX
- b) 1000 BASE-CX
- c) 1000 BASE-SX
- d) All of the mentioned

21) Which of the following networks extends a private network across public networks?

- a) virtual private network
- b) local area network
- c) storage area network
- d) enterprise private network

22) Which layer is responsible for process to process delivery in a general network model?

- a) session layer
- b) data link layer
- c) transport layer
- d) network layer

23) What does each packet contain in a virtual circuit network?

- a) only source address
- b) only destination address
- c) full source and destination address
- d) a short VC number

24) What is the term for the data communication system within a building or campus?

- a) MAN
- b) LAN
- c) PAN
- d) WAN

25) What was the name of the first network?





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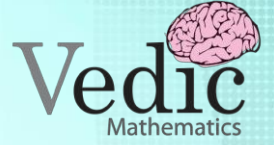
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- a) ASAPNET
- b) ARPANET
- c) CNET
- d) NSFNET

26) The OSI model consists of __ layers.

- A) Five
- B) Seven
- C) Eight
- D) Nine

27) Something which has easily understood instructions is said to be

- a) Information
- b) Icon
- c) Word processing
- d) User friendly

28) Each computer have a/an __, and some __

- a) Internet Browsers, Document files
- b) Operating System, Application Programs
- c) Hard Disk, Programming Programs
- d) Operating system, Tally

29) In __ computers, computation is carried out with physical quantities such as voltage, length, current, temperature, etc.

- a) Analog
- b) Digital
- c) Hybrid
- d) Micro computer

30) In Computer terminology 'CAD' is stands for

- a) Computer and Design
- b) Computer and Device
- c) Computer Algorithm in Design
- d) Computer Aided Design

31) If you use either Telnet or FTP, which is the highest layer you are using to transmit data?

- a) Application
- b) Session
- c) Presentation

d) Transport

32) Error detection at the data link level is achieved by

- a) Equalization
- b) Bit stuffing
- c) Hamming codes
- d) Cyclic redundancy codes

33) Which of the following techniques is used for allocating capacity on a satellite channel using fixed-assignment FDM?

- a) Frequency-shift keying
- b) Frequency modulation
- c) Frequency-division multiple access
- d) Amplitude modulation

34) The connection between your computer at home and your local ISP is called __

- a) The backbone
- b) The home page
- c) The home stretch
- d) The last mile

35) Demodulation is the process of

- a) Dividing the high-speed signals into frequency bands
- b) Converting digital signals to analog signals
- c) Converting analog signals to digital signals
- d) Combining many low speed channels into one high speed channel

36) Modulation is the process of

- a) Echoing every character that is received
- b) Sending a file from one computer to another computer
- c) Converting digital signals to analog signals
- d) Converting analog signals to digital signals

37) Many low-speed channels are interwoven into one high-speed transmission by

- a) Frequency-division multiplexer
- b) Time-division multiplexer





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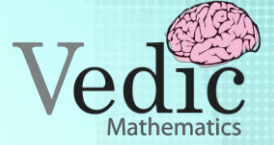
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- c) Both (a) and (b)
d) None of these

38) Which of the following is the difference between a multiplexer and a statistical multiplexer?

- a) Multiplexer use X.25 protocol, while statistical multiplexers use the Alpha protocol
b) Statistical multiplexers need buffers while multiplexers do not need buffers
c) Multiplexers often waste the output link capacity while statistical multiplexers oppose its use
d) Multiplexers use Time Division multiplexing (TDM) while statistical multiplexers uses Frequency division multiplexing (FDM)

39) The synchronous modems are more costly than the asynchronous modems because

- a) They operate with a larger bandwidth
b) They produce large volume of data
c) They contain clock recovery circuits
d) They transmit the data with stop and start bits

40) To connect a computer with a device in the same room, you might be likely to use

- a) A ground station
b) A dedicated line
c) A coaxial cable
d) All of the above

41) Computer is a ___ tool.

- a) Information
b) Knowledge
c) Data
d) Digital

42) ___ is defined as the rate of transferring error-free data.

- a) Consistency
b) Slow
c) Performance
d) Bandwidth

43) Electronic mail is popularly known as ___.

- a) Email
b) Mail
c) Webmail
d) Netmail

44) A ___ signal is made up of many sign waves.

- a) Composite
b) Physical
c) Functional
d) Simple

45) The range of frequencies contained in a composite signal is its ___.

- a) Phase
b) Signal
c) Noise
d) Bandwidth

46) Thermal noise is caused by the random motion of ___.

- a) Electrons
b) Protons
c) Neutrons
d) Atoms

47) ___ is the process of converting digital data to digital signals.

- a) Line coding
b) Data Encoding
c) Sampling
d) Data Decoding

48) A data element is the smallest entity that can represent a piece of ___.

- a) Data
b) Knowledge
c) Information
d) Signal

49) ___ is the procedure of constraining something from a continuous set of values to a discrete set.

- a) Scrambling
b) Encoding





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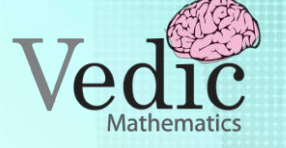
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- c) Quantization
- d) Decoding

50) ___ is simple error detection used with character-oriented protocols.

- a) Character stuffing
- b) Error Control
- c) Byte Stuffing
- d) Parity Checking

