

Chapter 5

Networking

1. The equipment connected to a network need to follow certain norms with regard to naming and exchanging information. Such norms are called

- a) Net-mask**
- b) Sever network**
- c) Client network**
- d) Network protocols**

2. Which of the following is used in wireless networks?

- a) Audio waves**
- b) Radio waves**
- c) Infrared waves**
- d) Ultraviolet**

3. Computers in a network will have unique numbers.

This is known as

- a) I.P Address**
- b) DNS**

c) Sub Netmask

d) Gateway address

4. How many pairs of wires are present in a UTP cable?

a) 4

b) 6

c) 8

d) 10

5. The technology that gives an IP address automatically to a computer in a network is known.....

a) TCP

b) POP

c) DHCP

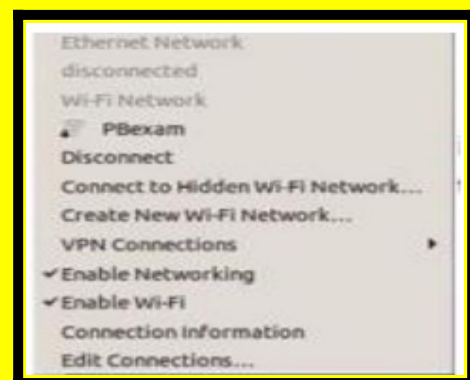
d) SMB

6. This is the window that appears when you click on an applet in the computer panel.

Choose the name of the applet from the following.

a) Keyboard indicator apple

b) Audio control applet



- c) Bluetooth control applet
- d) Network manager applet

7. Which of the following is used in Bluetooth device?

- a) Audio waves
- b) Radio waves
- c) Infrared waves
- d) Ultraviolet waves

8. Which of the following is a correct statement related with the use of UTP cables?

- a) Used to connect the computers to the power
- b) Used to connect the printers to the power supply
- c) Used to network between computers
- d) Used to connect a computer to a projector

9. The computer net-work in your school is an example for

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

10.Full form of TCP

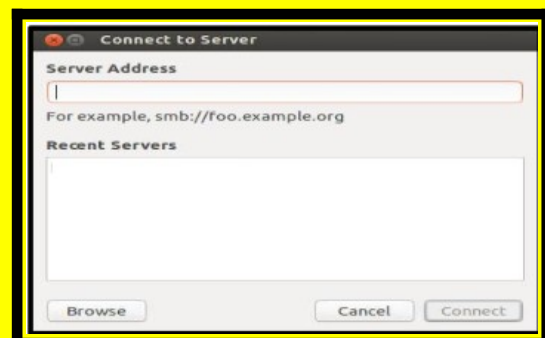
- a) Transfer Control Protocol
- c) Total Control Protocol
- b) Transmission Control Protocol
- d) Time Control Protocol

11.Full form of DHCP

- a) Dynamic Home Control Protocol
- c) Direct Host Control Protocol
- b) Direct Home Control Protocol
- d) Dynamic Host Configuration Protocol

12.The given is an image of a window opened by some one in a networked computer. Find out from the following the purpose of opening the window by user.

- a) To share the Printer
- b) To find out the I.P Address
- c) To set the computer as Servers
- d) To copy the files from another computer in the network



13. Which of the following device is not needed to network the computers in computer lab?

- a) Hub
- b) RJ 45
- c) VGA cable
- d) UTP Cable

14. Which of the equipment that can convert digital signals to analog and vice versa

- a) Hub
- b) Switch
- c) Convertor
- d) Modem

15. The I.P address of a computer is 192.168.201.216. which of the following protocol it belongs to?

- a) IPv4
- b) IPv6
- c) IPv8
- d) IPv32

16. Which of the following protocol is used to give I.P addresses to a computer in a network?

- a) LAN/WAN
- b) LiFi/WiFi
- c) IPv8/IPv32
- d) TCP/IP**

17. Which of the following is an alternative to a Network Hub?

- a) Cable
- b) Connector
- c) Switch**
- d) Printer

18. Which of the following device/technology is used to connect computers on wireless networks?

- a) UTP Cable
- b) Hub
- c) R.F Waves**
- d) Switch

19. As a part of networking the computers, which of the following connectors are used to connect UTP cables with computers?

- a) RJ 11
- b) Hub
- c) Switch
- d) RJ 45

20. Which of the following is unlikely to be an IP Address under the IPv4 protocol?

- a) 192.168.200.10
- b) 192.192.192.192
- c) 192.168.256.10
- d) 192.168.222.10

21. Which one of the following device commonly uses RJ 11 to connect with a modem?

- a) Printer
- b) Computer
- c) Switch
- d) Telephone

22. Which is likely to be the address based on the IPv4 Protocol?

- a) 192.168.200.256
- b) 192.168.256.10
- c) 192.168.256.200
- d) 192.168.222.10

22. A part of the window of the software which helps us to know the I.P Address of a computer is given.

What is the I.P Address of this computer as per IPv4 protocol?

- a) 2405:204:d309:cf23:2055:ff27:d6e8:9f1e/64
- b) 192.168.225.88
- c) 2405:204:d309:cf23
- d) 192.168.225/32

I.P Address:	192.168.225.88
Broadcast Address:	192.168.225.255
Subnet Mask:	255.255.255.0
Default Route:	192.168.225.1
Primary DNS:	192.168.225.1
IP Address:	2405:204:d309:cf23:2055:ff27:d6e8:9f1e/64

23. How many pair of wires are there in the UTP cables used to network computers?

- a) 4**
- b) 12**
- c) 8**
- d) 10**

26. Find the device which is essential to provide internet access over the telephone network.

- a) Printer**
- b) Scanner**
- c) Modem**
- d) Web Camera**

27. What do we call the general rules behind naming the gadgets used for networking and data transfer?

- a) IP Address**
- b) sharing**
- c) Net Mask**
- d) Network protocol.**

28. Which of the following protocols contains the I.P address length of 32 bits.

- a) IPv4**
- b) IPv6**
- c) IPv8**
- d) IPv32**

29. The I.P Address of a computer is 192.168.201.17. Which of the following protocol is used to give this I.P Address?

- a) IPv128**
- b) IPv32**
- c) IPv6**
- d) Ipv4**

30. The I.P address of a computer in a LAN is 192.168.2.115. if you want to give I.P Address (as per IPv4 protocol) to another computer in the same network, which number in the above I.P address has to be changed?

- a) 192**

b) 168

c) 2

d) 115

31. Identify the form of data sent to Telephone Network from Modem.

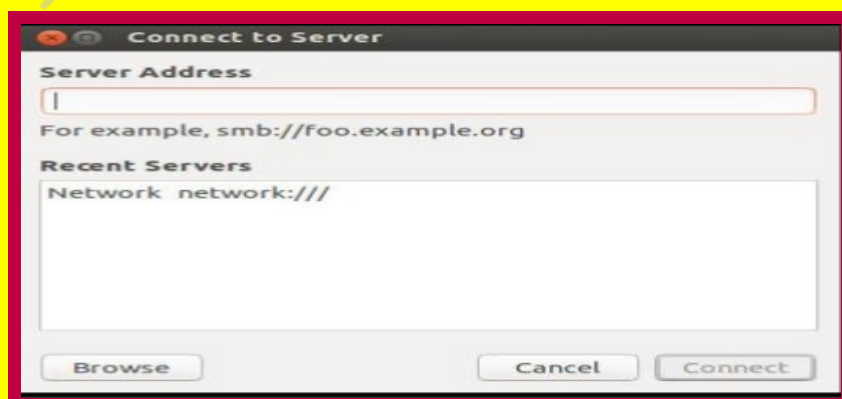
a) Digital

b) Analog

c) Decimal

d) Hexadecimal

32. Nived is doing some works in a networked computer. He wants to copy some files from another computer in the same network with I.P Address, 192.168.10.202. using SSH facility. He opened the Connect to server window. What should he type in Server Address field? Choose from the following.



- a) ssh//:192.168.10.202
- b) ssh/:192.168.10.202
- c) ssh//192.168.10.202
- d) ssh://192.168.10.202

33. Which of the following is the technology that gives an IP address automatically when a computer enters to a network.

- a) SSH
- b) SMB
- c) POP
- d) DHCP

34. Choose from the following the use of the equipment, SWITCH that is used in computer networks.

- a) used instead of modem
- b) used to connect computers
- c) used to connect monitors
- d) used to connect hard disk

35. A network IP address under IPv4 protocol is given. Choose from the following and fill the gap.

a) 256

b) 212

c) 301

d) 300

36. Which among the following can be an I.P address under IPv4 protocol?

a) 192.168.256.10

b) 192.168.256.10

c) 192.168.222.10

d) 192.168.256.200

37. Which of the following device is essential for networking the computers?

a) Scanner

b) Modem

c) Printer

d) Hub/Switch

38. Which of the following is a technology that is used to network the computers and other devices without using cables?

a) WiFi

b) TCP/IP

c) IPv4

d) IPv6

39 How many wires are there in an UTP (Unshielded Twisted Pair) Cable, Which connects the computers in a network?

a) 17

b) 15

c) 8

d) 3

40. Which of the following computer network that interconnects computers spread over the entire country?

a) WAN

b) RAM

c) MAN

d) LAN

41. Name the rules that should be followed in naming the computers and sharing the data in a computer network

- a) IP Address**
- b) Netmask**
- c) Network Protocols**
- d) Sharing**

42. Which of the following method in IPV4 settings is used to give a static IP address to a computer?

- a) Automatic (DHCP)**
- b) Automatic (DHCP) addresses only**
- c) Manual**
- d) Link**

43. The Computer Network of Railway, Banks, etc is spread over the country. Such network are known as

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

44. Which of the following is an IP address as per IPv4 protocol?

- a) 192.168.200.256
- b) 192.256.192.192
- c) 192.168.256.10
- d) 192.168.222.10

45. Which of the following can be used instead of HUB?

- a) Cable
- b) Switch
- c) Printer
- d) Connector

45. The maximum size of an Ip Address as per IPv6 protocol is

- a) 32 bit
- b) 64 bit
- c) 128 bit
- d) None of the above

46. Which of the following protocol contains the IP address length of 128 bits.

- a) IPv4
- b) IPv6
- c) IPv6 4
- d) IPv128

47. Identify the form of data send to Modem from Telephone Network

- a) Digital
- b) Analog
- c) Decimal
- d) Hexadecimal

48. Which of the following is the form of data processed and saved in computer?

- a) Digital
- b) Analog
- c) Decimal
- d) None of the above

49. Name the connector used to connect UTP cables to computer.

- a) Serial Connector

b) RJ 45

c) RJ 11

d) Parallel Connector

50. Which of the following is not a network protocol?

a) HTML

b) SSH

c) TCP/IP

d) SMB

51. Which of the following is a local area network?

a) A network of computers between different branches of a bank

b) A network of computers in a hospital

c) A network between computers that have access to the Internet

52. Given below is an image of a device used for networking of computers. What is the name of this device?

a) Network Printer

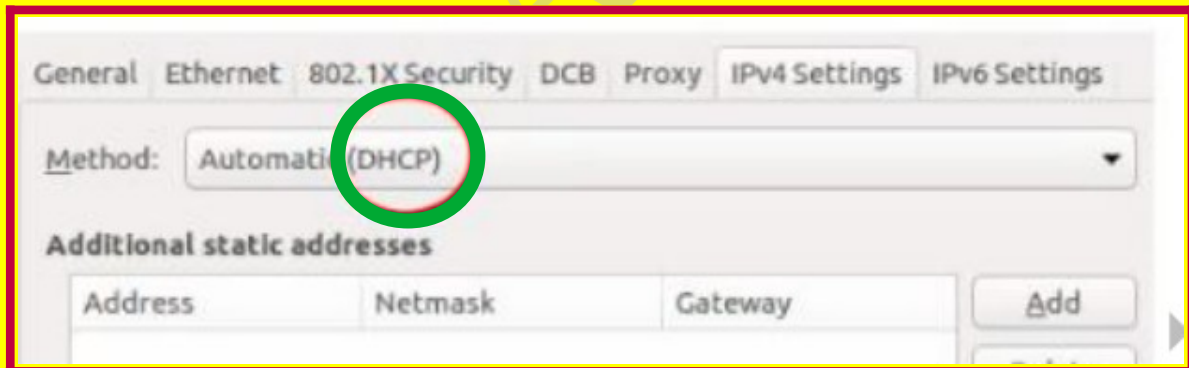
c) RJ45 Connector

b) HUB

d) RJ11 Connector



53. The image given is part of the network settings on the computer. What is DHCP marked within the Green circle?



a) A technology for converting digital signals into analog signals

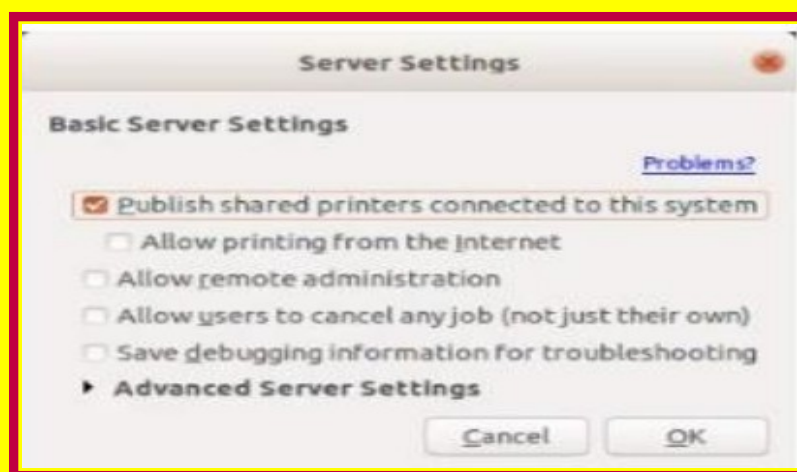
b) Technology that automatically assigns IP address

c) Technology for assigning a permanent IP address

d) Technology to configure Wireless network.

54. Given here is an image of a window related to printer settings on a computer in a network.

Which of the following operations is performed here?



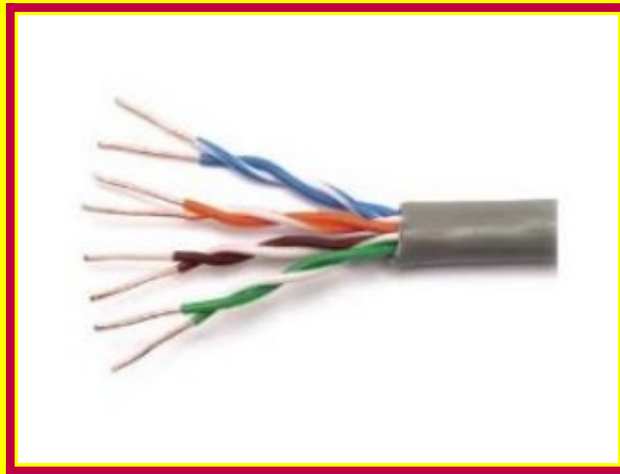
a) Installing the printer on this computer.

b) Uninstalling the printer from this computer.

c) Enabling printing from other computers on the network.

d) A file on this computer is being shared over the network.

55. Which type of cable is shown in the image?



- a) VGA
- b) PS2
- c) USB
- d) UTP

56. Which device is required to network computers?

- a) Modem
- b) RJ 11 Connector
- c) TRS Connector
- d) Hub

57. Which IP version does the IP address 192.168.1.20 belong to?

- a) IPv8
- b) IPv6

c) IPv32

d) IPv4

58. To identify the computers on a network, each computer is assigned a number according to some general rules. What is this number called?

a) IP Address

b) Website Address

c) Server Address

d) Domain Address

59. DHCP is a technology related to networking of computers. What is its full form?

a) Direct Host Control Protocol

b) Dynamic Host Configuration Protocol

c) Direct Host Control Port

d) Dynamic Host Configuration Port

60. What differentiates a network switch from a HUB?

(ഒരു നെറ്റ്‌വർക്ക് സ്വിച്ചിനെ ഒരു HUB-ൽ നിന്ന് വ്യത്യസ്തമാക്കുന്നത് എന്താണ്?)

a) Converts digital signals to analog signals

b) Information from one computer is sent to all computers on the network

c) Converts analog signals to digital signals

d) Information from one computer is sent only to the computer to which it is intended (ഒരു കമ്പ്യൂട്ടറിൽ നിന്നുള്ള

വിവരങ്ങൾ അത് ഉദ്ദേശിക്കുന്ന കമ്പ്യൂട്ടറിലേക്ക് മാത്രമേ അയയ്ക്കൂ)

61 UTP cables are commonly used to interconnect computers in a network. What is the full form of UTP Cable?

a) Uninterruptible Transfer Power Cable

b) Unified Twisted Pair Cable

c) Uniform Twisted Power Cable

d) Unshielded Twisted Pair Cable

62. What is the size of an IP address provided as per IPv6?

a) 32 Bit

b) 8 Bit

c) 128 Bit

d) 64 Bit

63 . Given here is an image of a device used for computer networking.



What is the name of this?

- a) TRS Connector
- b) PS2 Connector
- c) RJ45 Connector
- d) VGA Connector

Very Short Answer

1. Which among the following devices are used for networking of computers?

- a) PS2 Connector
- b) HUB
- c) TRS Connector
- d) VGA Cable
- e) UTP Cable

2. Which of the following are correct statements regarding UTP cables used for networking of computers?

a) A UTP cable has 4 pairs of wires.

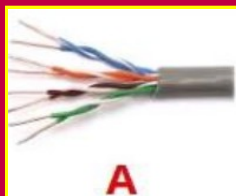
b) A UTP cable has 16 wires.

c) RJ11 connector is used to connect to the computer

d) UTP cable has 8 pairs of wires.

e) RJ45 connector is used to connect to the computer

3. Which of the following are used in networking of computers?



a) A

b) B

c) C

d) D

e) E

4. What are the benefits of computer networking?

a) Files on one computer can be opened on other computers on the network.

b) Different computers on the network can be assigned the same IP address

c) Printing can be done from other computers using a printer attached to one computer.

d) Computers can be connected to a network without a IP address

e) Not all computers in a network need a power supply

5. What IP versions are currently used to assign IP addresses to computers on a network based on TCP/IP?

a) IPv4

b) IPv6

c) IPv32

d) IPV5 e) IPv8

6. What is the address length of IP addresses assigned by existing IP versions IPv4 and IPv6?

a) IPv4 - 8 Bit

b) IPv4 - 64 Bit

c) IPv6 128 Bit

d) IPv4 - 32 Bit

e) IPv6 - 64 Bit

7. Which of the following are network protocols?

a) Ext4

b) NTFS

c) SSH

d) FAT32

e) SMB

8. Choose from the following the two true statements about Modem.

a) It help to store the data in the computer.

b) It converts the digital signals to analog signals.

c) It work using RF ways.

d) It converts analog signals to digital signals.

e) It gives static IP addresses to the computers

9. Which of the following devices help to control the exchange of information among the computers in a network?

a) Switch

b) UTP Cable

c) Hub

d) RJ 45

e) RJ 11

10. Choose from the following the two technologies that make the exchanging of information possible without cables.

a) Wi-Fi

b) Bluetooth

c) Netmask

d) Gateway

e) IP addresses

11. Which if the following is the protocol for assigning IP addresses to computers on network?

a) IPv4

b) SSH

c) IPv6

d) RJ-45

e) RJ-11

12. Choose from the following two advantages of networking computers.

a) Files can be shared

b) videos files can be created.

c) UPS can be shared.

d) Devices like printer and modem can be shared.

e) Animations can be created.

13. Which ones from the following are related with Modem?

a) Modulation

b) Demodulation

c) Crimping

d) cloning

e) Protocol

14. Which are the two network that interconnects computers?

a) MAN

b) WAN

c) LAN

d) PAN

e) URL

15. Which are the network protocols in the following?

a) TCP/IP

b) SMB

c) UTP

d) SMPS

16. Which are the two network that interconnects computers?

a) MAN

b) WAN

c) LAN

d) PAN

e) URL

17. Identify two true statements regarding Network Protocol

a) The norms to be obeyed by the devices included in a network

b) The norms to be obeyed by peripheral devices

c) UPS, SMPS, and SVG are various Protocol

d) The norms to be obeyed by the Input/ Output devices.

e) SSH, SMB and POP are various

Protocols

18. Choose two correct statements related to computer network from the following.

a) All computers in a network have IP Address.

b) Computers in a network have different IP Address.

c) Computers in a network have same IP Address.

d) Not all computers in a network have IP Address.

e) IP Address of the computers in a network cannot be changed.

13. Identify the two systems from the following, which make use of radio waves.

a) In UTP Cable used networking

b) In Wireless Networking

c) In Bluetooth gadgets

d) In network hub

e) In Landline Phones

14. Which are the two wireless technologies used for exchanging digital data?

a) Bluetooth

b) Cloning

c) Tuning

d) Buffering

e) Wifi

15. Find the two correct statements related to IP Address

a) The full form of IP is Inter Protocol

b) The full form of IP is Internet Protocol

c) The existing IP versions are IPv4 and IPv6

d) The existing IP versions are IPv4 and IPv5

e) The existing IP versions are IPv6 and IPv7

16.. Identify the Internet Protocol versions which are currently in use from the following ones.

a) IPv2

b) IPv4

c) IPv6

d) IPv8

e) IPv10

17. Choose the equipment's that control the data exchange between computers from the following.

a) Printer

b) Hub

c) Switch

d) Connector

e) Scanner

18. Which of the following are computer network protocol?

a) TCP/IP

b) UTP

c) RJ45

d) SSH

e) RJ11

19. Identify two true statements regarding Network Protocol?

a) The norms to be obeyed by the devices included in a network

b) The norms to be obeyed by peripheral devices

c) UPS, SMPS, and SVG are various Protocol

d) The norms to be obeyed by the Input/ Output devices.

**e) SSH, SMB and POP are various
Protocols**

20. Which of the following are not the colour found in UTP(Unshielded Twisted Pair) cable, which contents computer in a network?

a) Orange

b) Blue

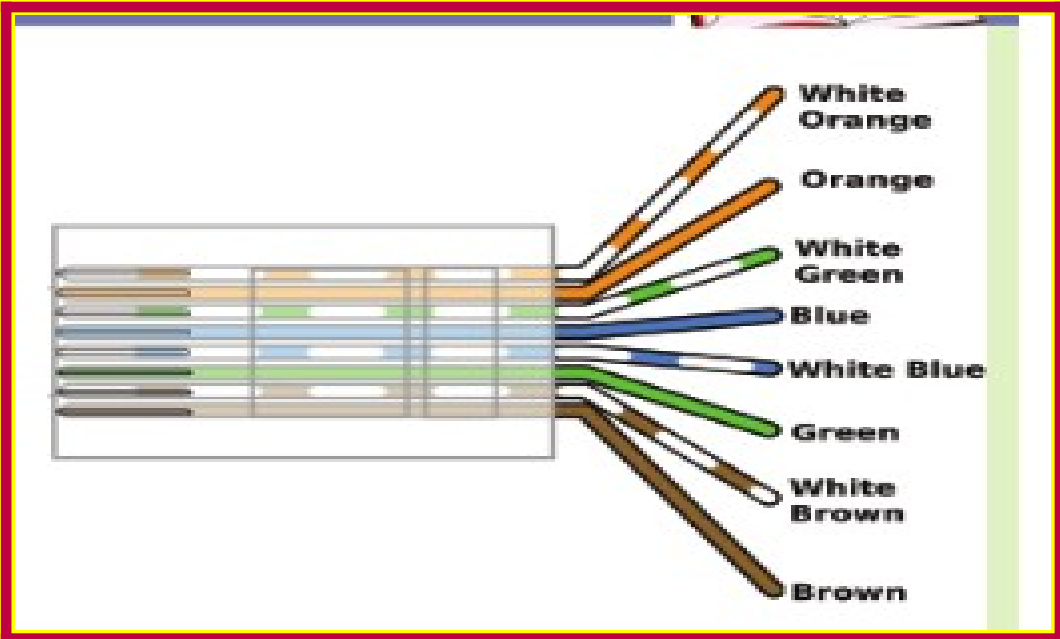
c) Green

d) Black

e) Yellow

21. How many pairs of wires are there in UTP cable?

4 ജോഡി വയറുകൾ(8 വയറുകൾ)



Techs And