



# Silent Bells



ഫസ്റ്റ് ബെൽ - അനുബന്ധ പഠനസഹായകസാമഗ്രി

STD 10

SUBJECT: IT

Worksheet Number

11

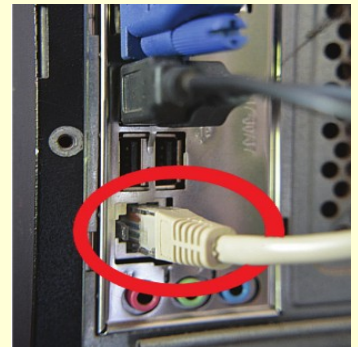
Lesson 5

Networking

30/9/2020

Components of networking system

- The advantages of networking are
  - Easy sharing of files
  - Easy sharing of devices
  - Easy to communicate informations
  - All the above
- In the field of computer networking UTP is the abbreviation used for
  - Universal Twisted Pair
  - Unshielded Twisted Pair
  - Unique Transfer Protocol
  - Unified Theory of Programming
- Which one of the following device commonly uses RJ 11 to connect with a modem?
  - Printer
  - Mobile
  - TV
  - Telephone
- Identify the connector shown in figure used for networking of computers
  - switch
  - RJ11
  - RJ 45
  - UTP
- Pick out the true statements among the following
  - A UTP cable used for networking consists of 4 pairs of wires
  - The wires in a UTP cable are all the same color.
  - There is no other option for networking of computers other than use of UTP cable
  - UTP cable is used to supply power to the hub/switch of the network
- Choose from the following two correct statements about Modem.
  - A device for boosting digital signals.
  - A device for boosting RF signals.
  - A device for converting analog signals into digital signals.
  - A device for converting digital signals to analog signals.
- The computer net-works of railways and banks are spread over the entire country. Choose from the following the type of net-work they belong to.
  - LAN
  - WAN
  - LiFi
  - WiFi





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8. Identify the device shown in figures i, ii, iii, iv

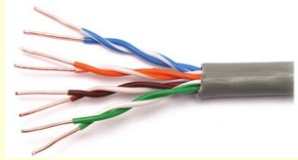


Fig 1



Fig 2



Fig 3



Fig 4

- a) Fig 1 is UTP, Fig 2 is crimping tool, Fig 3 is RJ45 and Fig 4 is HUB
- b) Fig 2 is UTP, Fig 1 is crimping tool, Fig 3 is RJ45 and Fig 4 is HUB
- c) Fig 4 is UTP, Fig 2 is crimping tool, Fig 4 is RJ45 and Fig 1 is HUB
- d) Fig 3 is UTP, Fig 2 is crimping tool, Fig 1 is RJ45 and Fig 4 is HUB

9. 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

10. Which of the following statements are correct regarding a modem

- a) Modem is the abbreviation of modulator and demodulator
- b) A modem can convert analogue signals to digital signals only
- c) A modem can convert digital signals to analog signals only
- d) A modem can do analog to digital conversion and vice versa

11. Pick out correct statements regarding function of a switch and a hub in networking

- a) Hubs and switches control the exchange of information between computers
- b) Hubs transfer informations to all computers of a network where as switch sends that to a particular computer only
- c) Switches transfer informations to all computers of a network where as hub sends that to a particular computer only
- d) Switches can be used in place of hubs so as congestion in the network is reduced



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12. Identify the form of data send to Modem from Telephone Network.
  - a) Digital
  - b) Analogue
  - c) Decimal
  - d) Hexadecimal
  
13. The computer network in our school or in a small hospital is
  - a) LAN
  - b) WAN
  - c) MAN
  - d) SAN
  
14. Find the device which is not essential to provide wired networking of more than two computers to internet
  - a)HUB
  - b) UTP
  - c) Modem
  - d) Web Camera
  
15. Give the expansion of WAN, LAN, WiFi and IP related to networking

VIDEO LINK 11	Flip the pages for textbook	Video tutorial for practical class	QR CODE 11
