

QB365 Question Bank Software Study Materials

Network Cabling Important 2 Marks Questions With Answers (Book Back and Creative)

12th Standard

Computer Applications

Total Marks : 60

2 Marks

30 x 2 = 60

1) What are the uses of USB cables?

Answer : The Universal Serial Bus are used to connect keyboard, mouse and other peripheral devices

2) What is an Ethernet port?

Answer : (i) Ethernet port is an opening which is a part of an Ethernet card.

(ii) It accepts RJ45 connector with Ethernet cable.

(iii) It is found on personal computers, laptops, routers, switches, hubs and modems.

3) What is the use of Crimping tool?

Answer : (i) The crimping tool is a physical tool is used to connect the patch wire and the Ethernet connector.

(ii) The crimping tool looks like a small cutting handle with two mould of Ethernet part.

4) What are the types of twisted pair cables?

Answer : Two types of twisted pair cables are Unshielded Twisted Pair (UTP) and Shielded Twisted pair (STP).

5) What is meant by champ connector?

Answer : (i) The RJ-21 connector has 50 pins with 25 pins at one end and 25 pins at the other end.

(ii) It is also called as champ connector or Amphenol Connector.

(iii) Amphenol Connector is a connector manufacturer.

6) Write a note on co-axial cable.

Answer : (i) Co-axial cable is used to connect the television sets to home antennas.

(ii) It has a copper wire inside and insulation is covered on the top of the copper wire provide protection to the cable.

(iii) It is very difficult to install and maintain because they are too big to carry and replace.

(iv) This cable is used to transfer the information at 10 mbps speed. The cable classified into thinnet and thicknet cables.

7) Write a note on the types of RJ45 connector.

Answer : 1. The RJ45 connector is a small plastic cup used to connect the wire inside the connector and ready to connect the Internet.

2. Each RJ45 connector has eight pins and it has 8-position, 8-contact modular plug, it is also known as 8P8C connector.

8) What is the purpose of network cables?

Answer : The Network cables are used to transfer the data and information to another computer.

9) How many wires are there in twisted cable? Why?

Answer : Twisted cable has 13 wires which are twisted to ignore electromagnetic interference

10) What are the two types of twisted pair cables?

Answer : Unshielded Twisted Pair (UTP) and Shielded Twisted pair (STP).

11) What is the use of serial and parallel interface?

Answer : The Serial and Parallel interface cables are used to connect the Internet to the system.

What is the purpose of cross over cable?

12) **Answer :** Crossover cable is used to join two network devices of the same type

13) What is the used of crimping tool?

Answer : The crimping tool which is used to connect the patch wire and the Ethernet connector.

14) What is the purpose of using Fiber optic cable?

Answer : Fiber optic cables are used in Wide Area Network (WAN).

15) What is dongle?

Answer : The dongle is a small peripheral device which has a compatible of mobile broadband.

16) What is the use of network cables?

Answer : The network cables are used to transfer the data from one device to another device.

17) List the type of Network cables

Answer : (i) Coaxial cables

(ii) Twisted Pair cables

(iii) Fiber Optics

(iv) USB Cables

(v) Serial and Parallel cables

(vi) Ethernet cables

18) List some examples of Coaxial cable

Answer : Media Bridge 50-feet Coaxial cable, Amazon basics CL2-Rated Coaxial cables,

19) Write about Fiber Optics

Answer : (i) Fiber Optics cable is different from the other two cables

(ii) The other two cables had an insulating material at the outside and the conducting material like copper inside.

(ii) But in this cable it is of strands of glass and pulse of light is used to send the information.

20) What is the use of crossover Cable.

Answer : Cross over cable is used to join two network devices of the same type like example two PCs or two network devices.

21) List some of the types of coaxial-cables.

Answer : Some of the cable names are Media-Bridge 50-feet Coaxial cable, Amazon basics CL2-Rated Coaxial cables, etc.

22) Write a note on RJ-11.

Answer : (i) It is the most popular modem form of Registered-Jack.

(ii) This is mainly used in telephone and landlines.

23) Define Dongles.

Answer : The dongle is a small peripheral device with a sim slot in it and connects the Internet and acts as an Ethernet port to the computer.

24) Define WWW.

Answer : World Wide Web, Definition comes from the World Wide Web Consortium (W3C): "The World Wide Web is the universe of network- accessible information, an embodiment of human knowledge."

25) What is the use of fiber optic cable?

Answer : The optic cable uses light to transmit the information from one place to another. They are mainly used in Wide Area Network (WAN).

26) What is meant by RJ?

Answer : A Registered Jack (RJ) is a network interface used for connecting different data equipment and telecommunication devices.

27) Name the types of Twisted pair cables.

Answer : There are two types of twisted pair cables, Unshielded Twisted Pair (UTP) and Shielded Twisted pair (STP).

28) How the computers are connected through wired and wireless media?

Answer : Computers can be connected on the network with the help of wired media (Unshielded Twisted pair, shielded Twisted pair, Co-axial cables and Optical fibre) or wireless media (Infra Red, Bluetooth, WiFi).

29) What is computer networking?

Answer : Computer Networking is a group of interconnected computers or other devices for sharing the data and resources among them.

30) What are the uses of single mode and multimode cables?

Answer : Single mode cables are used for long distance transmission and at a high cost whereas the multimode cables are used for short distance transmission at a very low cost. The optic cables are easy to maintain and install.