

Duration: 30 Mins**Total Marks: 42****Q.ID: ITISKILL5843ZY**

1. Usually CAT 5 Cable has how many Pair?

- A) 2 Pair B) 3 Pair
C) 1 Pair D) 4 Pair

Answer: D) 4 Pair

2. In OSI model which layer organise data bits into data frames?

- A) Network layer B) Transport layer
C) Data link layer D) Physical layer

Answer: C) Data link layer

3. Which of the following represented the fastest data transmission speed?

- A) Gbps B) Mbps
C) Bps D) Kbps

Answer: A) Gbps

4. Which layer support physical medium?

- A) Data link layer B) Network layer
C) Physical layer D) Transport layer

Answer: C) Physical layer

5. What is the full form of OSI model?

- A) Open system internet model B) Overlap system interchange model
C) Open system interconnection model D) Ocean system interconnection model

Answer: C) Open system interconnection model

6. What type of cable is category 5 cable(cat 5)?

- A) Twisted Pair B) Two pair
C) Shielded type D) Single wire

Answer: A) Twisted Pair

7. How many standard of RJ-45 wiring?

- A) 2 B) 1
C) 4 D) 3

Answer: A) 2

8. What is the full form of UTP?

- A) Unshielded Transfer Pair B) Unshielded Twisted Pair
C) Undirectional Transfer protocol D) Unrealistic Track Protocol

Answer: B) Unshielded Twisted Pair

9. How computer process data into information by working exclusively with?

- A) Word B) Numbers
C) Character D) Multimedia

Answer: B) Numbers

10. For connecting analogy telephone line which type of connector is used?

- A) RJ-11 B) RJ-45
C) RJ-20 D) RJ-50

Answer: A) RJ-11

11. Which one is the type of CAT 5 cable?

- A) Straight-through cable B) Thicknet cable
C) Thinnet cable D) Coaxial cable

Answer: A) Straight-through cable

12. Which of the following isn't a type of transmission mode?

- A) Full-duplex B) Half-duplex
C) Speed D) Simplex

Answer: C) Speed

13. BNC connector is used in which type of cable?

- A) UTP cable B) Telephone cable
C) Optical-fibre cable D) Co-axial cable

Answer: D) Co-axial cable

14. How many layers in OSI model?

- A) 5 B) 7
C) 4 D) 6

Answer: B) 7

15. Which information is communicated in data communication?

- A) Protocol B) Sender
C) Message D) Receiver

Answer: C) Message

16. Which layer in OSI model use MAC for communication?

- A) Data link layer B) Session layer
C) Physical layer D) Network layer

Answer: A) Data link layer

17. Switches & hubs works on which layer of OSI model?

- A) Physical layer
- B) Session layer
- C) Data link layer
- D) Network layer

Answer: C) Data link layer

18. Which of the following is used as a high speed network media?

- A) Co-axial cable
- B) Fibre optic cable
- C) Unshielded Twisted pair cable
- D) Shielded twisted pair cable

Answer: B) Fibre optic cable

19. Where BNC connectors are used?

- A) Tablet
- B) Laptop
- C) Mobile
- D) Television

Answer: D) Television

20. What is the name of fourth layer in OSI model?

- A) Transport layer
- B) Network layer
- C) Application layer
- D) Data link layer

Answer: A) Transport layer

21. What is the colour code of first Pin in T-568A standard?

- A) White/orange
- B) Green
- C) White/green
- D) White

Answer: C) White/green

22. What is the name of device which receive information in computer network?

- A) Receiver
- B) Input
- C) Transmitter
- D) Sender

Answer: A) Receiver

23. In OSI model which layer is responsible for routing?

- A) Presentation layer
- B) Network layer
- C) Session layer
- D) Data link layer

Answer: B) Network layer

24. What is the standard frequency range for CAT 5 cable?

- A) 75 MHz
- B) 50 MHz
- C) 125 MHz
- D) 100 MHz

Answer: D) 100 MHz

25. How many types of transmission mode are there?

- A) 1
- B) 2
- C) 3
- D) 4

Answer: C) 3

26. In which transmission mode data is transmitted in both direction but only one direction at a time?

- A) Analog transmission mode
- B) Simplex transmission mode
- C) Half-duplex transmission mode
- D) Full-duplex transmission mode

Answer: C) Half-duplex transmission mode

27. In which transmission mode data is transmitted in only in one direction?

- A) Full-duplex mode
- B) Half-duplex mode
- C) Simplex mode
- D) Analog transmission mode

Answer: C) Simplex mode

28. On which port RJ 45 connector is connected?

- A) USB port
- B) Centronics port
- C) Ethernet
- D) HDMI port

Answer: C) Ethernet

29. Which layer in OSI model assigns internet protocol(IP) addresses?

- A) Session layer
- B) Network layer
- C) Presentation layer
- D) Data link layer

Answer: B) Network layer

30. Which type of cable uses RJ 45 connector?

- A) Telephone cable
- B) Co-axial cable
- C) Optical fiber cable
- D) Unshielded Twisted pair cable

Answer: D) Unshielded Twisted pair cable

31. What is the transfer rate of cable of UTP cable class 2?

- A) 100 Mbps
- B) 30 Mbps
- C) Upto 10 Mbps
- D) 50 Mbps

Answer: C) Upto 10 Mbps

32. Which cable is used for connecting hub to hub?

- A) Roll-over cable
- B) Coaxial Cable
- C) Cross-over cable
- D) Straight-through cable

Answer: C) Cross-over cable

33. Which one is the example of full duplex transmission mode?

- A) Telephone
- B) Radio Broadcasting
- C) Television
- D) Modem

Answer: A) Telephone

34. In OSI model which layer is responsible for transmission data rate?

- A) Physical layer
- B) Network layer
- C) Data link layer
- D) Transport layer

Answer: A) Physical layer

35. What is the full form of category %e (cat 5e)?

- A) Category 5 echo
- B) Category 5 enhanced
- C) Category 5 Ethernet
- D) Category 5 empairod

Answer: B) Category 5 enhanced

36. Which type of twisted pair cable is used for protecting from electronic noise?

- A) Serial Twisted Pair
- B) Unshielded Twisted Pair
- C) Shift Twisted Pair
- D) Shielded Twisted pair

Answer: D) Shielded Twisted pair

37. What is the colour code of first Pin in T-568B standard?

- A) White/orange
- B) White/green
- C) White
- D) Orange

Answer: A) White/orange

38. Which type of network supports by category 5 cable?

- A) 100 BASE-TX
- B) 70 BASE-TX
- C) 80 BASE-TX
- D) 90 BASE-TX

Answer: A) 100 BASE-TX

39. What is the full form of OFC?

- A) Option For Cable
- B) Oriented Fibre Cable
- C) Optical Fibre Cable
- D) Oscillated Fibre Cable

Answer: C) Optical Fibre Cable

40. What is the full form of RJ-45?

- A) Ready Jam-45
- B) Random Jack-45
- C) Registered-Jack-45
- D) Real Jack-45`

Answer: C) Registered-Jack-45

41. What is another name of set of rules?

- A) Input data
- B) Protocol
- C) Output Data
- D) Message

Answer: B) Protocol

42. What is the name of the device which sends information on computer network?

- A) Sender
- B) Transmission
- C) Medium
- D) Receiver

Answer: A) Sender
