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Score: 41/42 (97.62%)

Code: 8930

1. What is the full form of UTP?

- A) Unidirectional Transfer protocol  
 B) Unrealistic Track Protocol  
**C) Unshielded Twisted Pair (Correct)**  
 D) Unshielded Transfer Pair

C) RJ-20

**D) RJ-11 (Correct)**

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

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

10. How many standard of RJ-45 wiring?

- A) 1  
**B) 2 (Correct)**  
 C) 3  
 D) 4

3. What is the full form of OFC?

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

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

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

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

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

12. Where BNC connectors are used?

- A) Television (Correct)**  
 B) Laptop  
 C) Mobile  
 D) Tablet

5. Which type of cable uses RJ 45 connector?

- A) Optical fibber cable  
 B) Telephone cable  
**D) Unshielded Twisted pair cable (Correct)**  
 C) Co-axial cable

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

- A) 50 MHz  
 B) 75 MHz  
**C) 100 MHz (Correct)**  
 D) 125 MHz

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

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

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

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

7. On which port RJ 45 connector is connected?

- A) Ethernet (Correct)**  
 B) USB port  
 C) HDMI port  
 D) Centronics port

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

- A) Category 5 Ethernet  
**B) Category 5 enhanced (Correct)**  
 C) Category 5 empaiared  
 D) Category 5 echo

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

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

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

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

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

- A) RJ-50  
 B) RJ-45

17. Usually CAT 5 Cable has how many Pair?

- A) 1 Pair  
 B) 2 Pair  
 C) 3 Pair  
**D) 4 Pair (Correct)**

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

- A) White/orange (Correct)**  
 B) White  
 C) Orange  
 D) White/green

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

- A) White  
**B) White/green (Correct)**  
 C) Green  
 D) White/orange

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

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

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

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

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

- A) Gbps (Correct)**
- B) Mbps
- C) Kbps
- D) Bps

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

- A) Multimedia
- B) Word
- C) Numbers (Correct)**
- D) Character

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

- A) Receiver (Correct)**
- B) Sender
- C) Transmitter
- D) Input

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

- A) Receiver
- B) Transmission
- C) Sender (Correct)**
- D) Medium

26. What is another name of set of rules?

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

27. Which information is communicated in data communication?

- A) Sender
- B) Receiver
- C) Message (Correct)**
- D) Protocol

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

- A) Speed (Correct)**
- B) Simplex
- C) Half-duplex
- D) Full-duplex

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

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

30. Which one is the example of full duplex transmission

mode?

- A) Telephone (Correct)**
- B) Television
- C) Modem
- D) Radio Broadcasting

31. How many types of transmission mode are there?

- A) 1
- B) 2
- C) 3 (Correct)**
- D) 4

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

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

33. What is the full form of OSI model?

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

34. How many layers in OSI model?

- A) 4
- B) 5
- C) 6
- D) 7 (Correct)**

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

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

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

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

37. Which layer support physical medium?

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

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

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

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

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

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

A) Physical layer (Incorrect)    B) Network layer  
**C) Data link layer**                D) Session layer

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

A) Data link layer                B) Session layer

C) Presentation layer            **D) Network layer (Correct)**

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**42.** Which layer in OSI model use MAC for communication?

A) Physical layer                **B) Data link layer (Correct)**  
C) Session layer                D) Network layer

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