

Duration: 30 Mins

Total Marks: 42

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Student Name: _____	Roll No: _____
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1. What is the standard frequency range for CAT 5 cable?

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

2. How many types of transmission mode are there?

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

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

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

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

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

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

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

6. Which layer support physical medium?

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

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

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

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

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

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

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

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

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

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

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

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

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

13. What is another name of set of rules?

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

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

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

15. How many standard of RJ-45 wiring?

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

16. For connecting analog telephone line which type of connector is used?

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

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

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

18. Usually CAT 5 Cable has how many Pair?

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

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

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

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

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

21. What is the full form of OSI model?

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

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

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

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

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

24. On which port RJ 45 connector is connected?

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

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

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

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

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

27. Which type of cable uses RJ 45 connector?

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

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

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

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

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

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

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

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

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

32. How many layers in OSI model?

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

33. Where BNC connectors are used?

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

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

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

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

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

36. What is the full form of OFC?

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

37. Which information is communicated in data communication?

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

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

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

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

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

40. What is the full form of UTP?

- A) Unrealistic Track Protocol
- B) Unidirectional Transfer protocol

C) Unshielded Twisted Pair D) Unshielded Transfer Pair

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

A) Session layer

B) Physical layer

C) Network layer

D) Data link layer

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

A) Co-axial cable

B) Unshielded Twisted pair cable

C) Shielded twisted pair cable

D) Fibre optic cable
