

150 Computer Networks Multiple Choice Questions and Answers

by Editorial Staff

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Computer Networks Multiple Choice Questions



The sample 25 questions are listed below.

Question 1:

Which one of the following is a data link **protocol**?

- A) point to point protocol
- B) HDLC
- C) Ethernet
- D) all of these answers

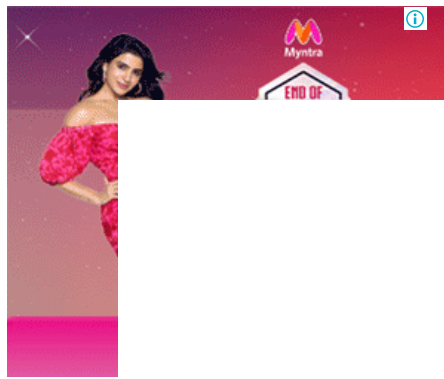
Question 2:

Data communication system within a building or campus is

- A) MAN
- B) LAN
- C) WAN
- D) None of these answers

Question 3:

The **transmission** data rate is decided by



- A) transport layer
- B) network layer
- C) data link layer
- D) physical layer

Question 4:

The term 'duplex' refers to the ability of the data receiving stations to echo back a confirming message to the sender.

In full duplex data transmission, both the sender and the receiver _____

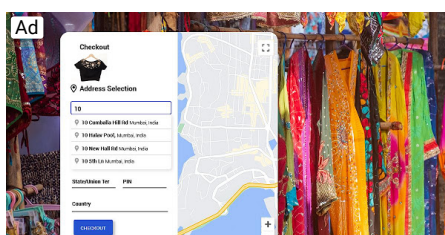


- A) can send or receive data one at a time
- B) can receive and send data simultaneously
- C) can do one way data transmission only
- D) cannot talk at once

Question 5:

The network layer protocol of the **internet** is

- A) hypertext transfer protocol
- B) internet protocol
- C) Ethernet
- D) none of these answers



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Question 6:

CRC stands for

- A) cyclic redundancy check
- B) code redundancy check
- C) code repeat check
- D) cyclic repeat check

Question 7:

Application layer protocol defines

- A) types of messages exchanged
- B) message format, syntax and semantics
- C) rules for when and how processes send and respond to messages
- D) all of these answers

Question 8:

TCP/IP model does not have _____ layer but **OSI model** have this layer.

- A) presentation layer
- B) application layer
- C) both session layer and presentation layer
- D) session layer

Question 9:

Most packet switches use this principle

- A) None of these answers
- B) Store and forward
- C) Both Stop and wait & Store and forward
- D) Stop and wait

Question 10:

Which of these is not a guided media?

- A) Fiber optical cable
- B) Wireless LAN
- C) Copper wire
- D) Coaxial cable

Question 11:

Coding schemes can be divided into two broad categories _____

- A) Block Coding and Convolution Coding.
- B) Hamming coding and convolution coding
- C) character coding, integer coding
- D) hamming coding and block coding

Question 12:

Which one of the following tasks is not done by the **data link** layer?

- A) framing
- B) channel coding
- C) flow control
- D) error control

Question 13:

Which one of the following tasks is not done by the data link layer?

- A) framing
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Question 14:

Data Link Control Protocol (HDLC) is implemented at the _____

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

Question 15:

A distributed **network configuration** in which all data/information pass through a central computer is

- A) All of these answers
- B) star network
- C) bus network
- D) ring network

Question 16:

OSI stands for

- A) none of these answers
- B) operating system interface
- C) open system interconnection
- D) optical service implementation

Question 17:

A _____ is a device that forwards packets between networks by processing the routing information included in the packet.

- A) firewall
- B) all of these answers
- C) router
- D) bridge

Question 18:

In OSI **network architecture**, the dialogue control and token management are responsibilities of?

- A) session layer
- B) network layer
- C) data link layer
- D) transport layer

Question 19:

The physical layer translates logical communication requests from the _____ into hardware-specific operations.

- A) network layer
- B) transport layer
- C) data link layer
- D) application layer

Question 20:

TCP/IP model was developed _____ the OSI model.

- A) none of these answers
- B) prior to
- C) simultaneous to
- D) after

Question 21:

Which transmission media has the highest transmission speed in a network?

- A) electrical cable
- B) optical fiber
- C) coaxial cable
- D) twisted pair cable

Question 22:

HTTP refers to?

- A) None of these answers
- B) Hyper Text Transmission Protocol
- C) Hyper Text Transfer Protocol
- D) Hyper Text Tie Protocol

Question 23:

Communication circuits that transmit data in both directions but not at the same time are operating in

- A) a simplex mode
- B) a half-duplex mode
- C) an asynchronous mode
- D) a full-duplex mode

Question 24:

In the IEEE standards, 802.5 standards is also called?

- A) Token Ring
- B) Ethernet
- C) Wireless Token Area Network
- D) Token Bus

Question 25:

Each IP address can identify the _____ or _____ of IP packets.

- A) source, length
- B) source, destination
- C) length, size
- D) Size, destination

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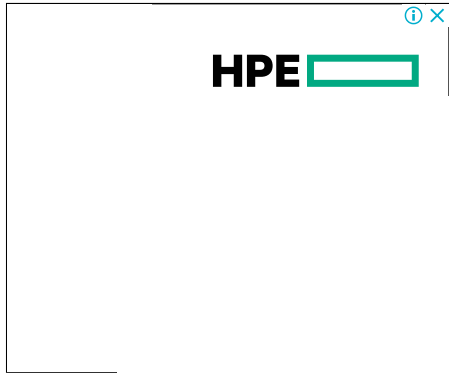
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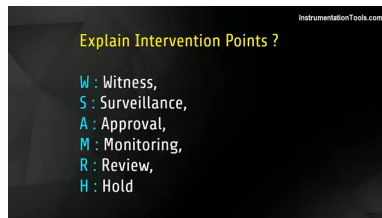
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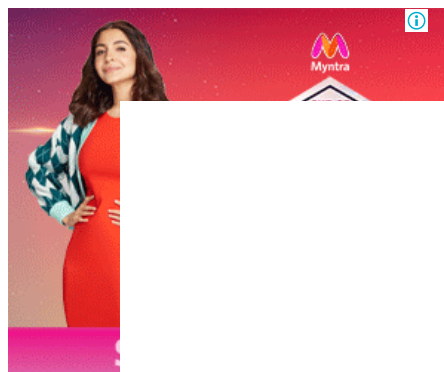
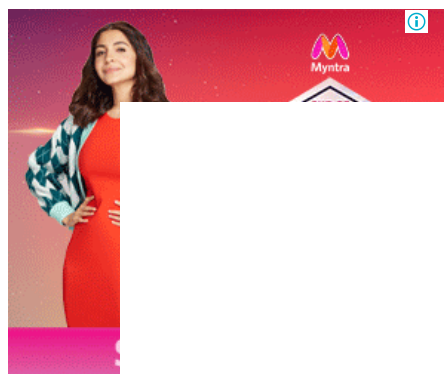
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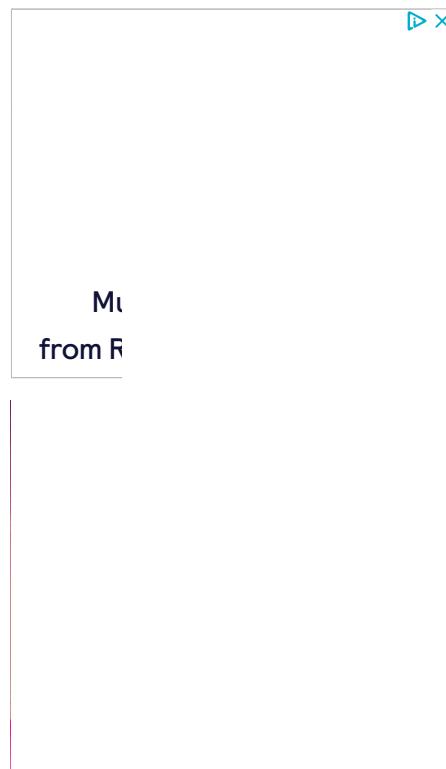
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