

CS601 QUIZ-6 (2024)

ASFAND YARR

VU-PANDA

FOR Paid LMS HANDLING, QUIZ, GDB, CISCO ASSIGNMENT & OTHER SUBJECTS ALL
ASSIGNMENT, PROJECT HANDLING, LECTURE WATCHING, SEPARATE SUBJECT
HANDLING, EXAM PREPARATIONS, ONLINE CLASSES E.T.C.

CLICK ON NUMBER TO CONTACT ON WHATSAPP:

[03103566137](https://wa.me/03103566137)

Question # 1 of 10 (Start time: 01:34:55 PM, 23 January 2024)

Total Marks: 1

In case of higher data rate, the number of impacted bits will be _____.

Select the correct option

<input checked="" type="radio"/>	Higher
<input type="radio"/>	Lower
<input type="radio"/>	Zero
<input type="radio"/>	Normal



Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 01:37:28 PM, 23 January 2024)

Total Marks: 1

----- is the maximum length supported by 10GBase-LR using fiber optics.

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|----------------|
| <input checked="" type="radio"/> | 10 kilometers |
| <input type="radio"/> | 300 meters |
| <input type="radio"/> | 850 nanometers |
| <input type="radio"/> | 40 kilometers |

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 (Start time: 01:36:32 PM, 23 January 2024)

Total Marks: 1

In Hexadecimal notation of Ethernet address, each byte is separated by _____ symbol.

Select the correct option

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | Question Mark |
| <input type="radio"/> | Underscore |
| <input checked="" type="radio"/> | Colon |
| <input type="radio"/> | Hash |

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 01:38:08 PM, 23 January 2024)

Total Marks: 1

In the _____ method, the stations in a network are organized in a logical ring.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | None of the given |
| <input type="radio"/> | Polling |
| <input type="radio"/> | Reservation |
| <input checked="" type="radio"/> | Token-passing |



Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 01:39:19 PM, 23 January 2024)

Total Marks: 1

The type of ALOHA which improves the efficiency of Pure ALOHA is _____.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input checked="" type="radio"/> | Slotted ALOHA |
| <input type="radio"/> | Integrated ALOHA |
| <input type="radio"/> | Low ALOHA |
| <input type="radio"/> | Upper ALOHA |


Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 01:39:58 PM, 23 January 2024)

Total Marks: 1

Coaxial cable carries signals of higher frequency ranges than those in _____ cable.

Select the correct option

 Reload Math Equations

- Television
- Twisted pair
- Fiber optic
- T Lines

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 01:42:03 PM, 23 January 2024)

Total Marks: 1

In optical fiber cable, the ratio of the diameter of their core to the diameter of their cladding, both expressed in _____.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Micrometers |
| <input type="radio"/> | Millimeters |
| <input type="radio"/> | Meters |
| <input type="radio"/> | Centimeters |



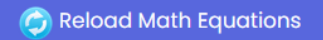
Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 01:43:30 PM, 23 January 2024)

Total Marks: 1

Destination address filed in Ethernet Frame is _____ bytes long.

Select the correct option

 Reload Math Equations

- Six
- Four
- Two
- Three

Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 01:44:14 PM, 23 January 2024)

Total Marks: 1

In the context of Ethernet address, the source address is always a _____ address.

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | Unicast |
| <input type="radio"/> | 128 Bit address |
| <input type="radio"/> | Multicast |
| <input type="radio"/> | Broad Cast |



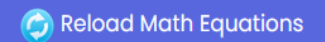
Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 01:59:57 PM, 23 January 2024)

Total Marks: 1

Among the following cables given below, _____ cable provides highest bandwidth and less attenuation.

Select the correct option

 Reload Math Equations

- UTP
- Fiber optical
- Coaxial cable
- STP

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 02:01:01 PM, 23 January 2024)

Total Marks: 1

What is the primary benefit of employing full-duplex communication in a switched Ethernet network?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|--------------------------------------|
| <input type="radio"/> | Reduced bandwidth allocation |
| <input type="radio"/> | Limited connectivity between devices |
| <input checked="" type="radio"/> | Enhanced data throughput |
| <input type="radio"/> | Decreased network efficiency |

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 (Start time: 02:01:39 PM, 23 January 2024)

Total Marks: 1

In _____ protocol, the sender sends one frame at a time and waits for an acknowledgment before sending the next one.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input checked="" type="radio"/> | Stop-and-Wait |
| <input type="radio"/> | Simple |
| <input type="radio"/> | Go-Back-N |
| <input type="radio"/> | Selective-Repeat |

[Click to Save Answer & Move to Next Question](#)

A twisted pair cable consists of _____conductors.

Select the correct option

- Five
- Three
- Two
- Four

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 02:03:03 PM, 23 January 2024)

Total Marks: 1

CHAP is an Authentication Protocol, which uses _____ process to authenticate user information.

Select the correct option

- | | |
|----------------------------------|-----------|
| <input checked="" type="radio"/> | Three-way |
| <input type="radio"/> | Four-way |
| <input type="radio"/> | Five-way |
| <input type="radio"/> | Two-way |

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 02:03:27 PM, 23 January 2024)

Total Marks: 1

TOKEN possession time management primarily controls the _____.

Select the correct option

 Reload Math Equations

frequency of token generation within the network

duration a station can keep the TOKEN before passing it on

speed at which data packets are transmitted

encryption applied to the TOKEN packet


Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 02:04:34 PM, 23 January 2024)

Total Marks: 1

In datagram network, each data packet contains its _____.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|---------|
| <input type="radio"/> | Name |
| <input type="radio"/> | Number |
| <input type="radio"/> | ID |
| <input checked="" type="radio"/> | Address |

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 02:05:37 PM, 23 January 2024)

Total Marks: 1

_____ is the scope of VCI variable in virtual circuit approach.

Select the correct option

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Private |
| <input type="radio"/> | Variable |
| <input type="radio"/> | Local |
| <input checked="" type="radio"/> | Global |



Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 02:07:14 PM, 23 January 2024)

Total Marks: 1

In Pure ALOHA, the vulnerable time is _____ the frame transmission time.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Two times |
| <input type="radio"/> | Four times |
| <input type="radio"/> | Three times |
| <input type="radio"/> | Same as |

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 02:47:40 PM, 23 January 2024)

Total Marks: 1

Wireless transmission can be divided into _____ broad groups.

Select the correct option

- Three
- Five
- Four
- Two

Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 02:07:40 PM, 23 January 2024)

Total Marks: 1

_____ is the process of converting digital data to digital signals.

Select the correct option

- | | |
|----------------------------------|--------------|
| <input type="radio"/> | CSMA/CD |
| <input type="radio"/> | Segmentation |
| <input type="radio"/> | CSMA/CA |
| <input checked="" type="radio"/> | Line coding |

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 02:49:04 PM, 23 January 2024)

Total Marks: 1

Which one of the following is not among the required phases for the actual communication in a circuit-switched network?

Select the correct option

- Connection teardown
- Protocol
- Setup
- Data transfer



Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 02:50:14 PM, 23 January 2024)

Total Marks: 1

Cable TV networks use_____ cables.

Select the correct option

- | | |
|----------------------------------|--------------|
| <input type="radio"/> | STP |
| <input type="radio"/> | UTP |
| <input checked="" type="radio"/> | Coaxial |
| <input type="radio"/> | Twisted pair |

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 02:50:57 PM, 23 January 2024)

Total Marks: 1

MAC stand for _____?

Select the correct option

- Media Access Controller
- Main Access Control
- Mandatory Access Control
- Media Access Control

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 02:51:33 PM, 23 January 2024)

Total Marks: 1

There are _____bits in each byte of the address "47:20:1B:2E:08:EE".

Select the correct option

 Reload Math Equations

- 7 bits
- 6 bits
- 8 bits
- 16 bits

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 02:52:21 PM, 23 January 2024)

Total Marks: 1

Redundancy contribute to error detection by _____

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|---|
| <input type="radio"/> | reducing the size of data frames |
| <input type="radio"/> | increasing the speed of data transmission |
| <input checked="" type="radio"/> | adding extra bits to create relationships for error detection |
| <input type="radio"/> | encrypting data for secure transmission |

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 02:53:10 PM, 23 January 2024)

Total Marks: 1

Which phase of communication in CSMA/CA involves the utilization of RTS frames?

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | Transmission request |
| <input checked="" type="radio"/> | Channel reservation |
| <input type="radio"/> | Collision detection |
| <input type="radio"/> | Data acknowledgment |



Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 03:05:55 PM, 23 January 2024)

Total Marks: 1

Possession of TOKEN gives the station the right to_____.



Select the correct option

- Modify the data
- Receive the data
- Delete the data
- Send the data


Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 02:54:15 PM, 23 January 2024)

Total Marks: 1

An Ethernet address usually represented in _____notation.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Decimal |
| <input checked="" type="radio"/> | Hexadecimal |
| <input type="radio"/> | Binary |
| <input type="radio"/> | Octal |


Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 02:54:55 PM, 23 January 2024)


Total Marks: 1

How does full-duplex communication impact collision domains in switched Ethernet networks?

Select the correct option

 Reload Math Equations

- Decreases collision domains
- Increases collision domains
- Merges collision domains
- Multiply collision domains

 Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 02:55:58 PM, 23 January 2024)

Total Marks: 1

The special packet "TOKEN" _____ in a Token based network.

Select the correct option

 Reload Math Equations

- performs security checks on incoming data
- circulates to grant stations the right to transmit data
- contains network settings for each station
- carries data packets across the network

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 03:07:06 PM, 23 January 2024)

Total Marks: 1

The main purpose of inserting guard times in TDMA systems is to_____.

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|--|
| <input type="radio"/> | reduce the number of available time slots |
| <input type="radio"/> | compensate for variations in signal strength |
| <input checked="" type="radio"/> | account for propagation delays and ensure proper synchronization |
| <input type="radio"/> | extend the duration of each time slot |

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 10 (Start time: 03:08:30 PM, 23 January 2024)

Total Marks: 1

A switched network consists of a series of interlinked _____ called switches.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|---------|
| <input type="radio"/> | Roots |
| <input checked="" type="radio"/> | Nodes |
| <input type="radio"/> | Systems |
| <input type="radio"/> | Points |

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 03:09:34 PM, 23 January 2024)

Total Marks: 1

In order to find the location of two errors in an eight bit stream, we have to see _____ different combinations.

Select the correct option

- | | |
|----------------------------------|----|
| <input checked="" type="radio"/> | 28 |
| <input type="radio"/> | 16 |
| <input type="radio"/> | 8 |
| <input type="radio"/> | 4 |


[Click to Save Answer & Move to Next Question](#)

Question # 6 of 10 (Start time: 03:10:16 PM, 23 January 2024)

Total Marks: 1

The term "single-bit error" refer to _____

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|---|
| <input type="radio"/> | changing the shape of the signal |
| <input type="radio"/> | interfering with the flow control process |
| <input type="radio"/> | changing multiple bits in a data unit |
| <input checked="" type="radio"/> | changing 1 bit of a data unit |

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 03:10:50 PM, 23 January 2024)

Total Marks: 1

_____ is the medium used for 10GBase-SR in its implementation.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|-------------------------|
| <input type="radio"/> | Unshielded Twisted Pair |
| <input checked="" type="radio"/> | Fiber optics |
| <input type="radio"/> | Shielded Twisted Pair |
| <input type="radio"/> | Coaxial cable |

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 03:11:34 PM, 23 January 2024)

Total Marks: 1

Which one of the following is not a Channelization Protocol?

Select the correct option

- | | |
|----------------------------------|------|
| <input checked="" type="radio"/> | CSMA |
| <input type="radio"/> | TDMA |
| <input type="radio"/> | FDMA |
| <input type="radio"/> | CDMA |


Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 03:12:11 PM, 23 January 2024)

Total Marks: 1

What action do the stations take by receiving an RTS frame in CSMA/CA?

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|---|
| <input type="radio"/> | Immediately sends a CTS frame |
| <input type="radio"/> | Starts transmitting data without delay |
| <input checked="" type="radio"/> | Creates a timer called NAV |
| <input type="radio"/> | Waits for a Clear to Send (CTS) frame before transmitting |



Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 03:13:30 PM, 23 January 2024)

Total Marks: 1

VCI address is _____ address in virtual circuit approach.

**Select the correct option**

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Private |
| <input checked="" type="radio"/> | Global |
| <input type="radio"/> | Local |
| <input type="radio"/> | Variable |


[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 (Start time: 03:34:56 PM, 23 January 2024)

Total Marks: 1

How does full-duplex communication impact collision domains in switched Ethernet networks?

Select the correct option

 Reload Math Equations

- Multiply collision domains
- Merges collision domains
- Decreases collision domains
- Increases collision domains

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 03:33:00 PM, 23 January 2024)

Total Marks: 1

_____ is the process in which the sender adds redundant bits to the actual data bits.

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | Decapsulation |
| <input checked="" type="radio"/> | Coding |
| <input type="radio"/> | Framing |
| <input type="radio"/> | Encapsulation |

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 (Start time: 03:34:02 PM, 23 January 2024)

Total Marks: 1

In Block coding scheme, number of code words is always _____ data words.

Select the correct option

<input checked="" type="radio"/>	Equal to
<input type="radio"/>	Greater than
<input type="radio"/>	Same as
<input type="radio"/>	Less than


Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 03:35:59 PM, 23 January 2024)

Total Marks: 1

The process of dividing the available bandwidth into smaller sub-bands in Channelization is used to _____.

Select the correct option

 Reload Math Equations

- improve signal strength
- enhance security
- increase data transmission speed
- reduce interference

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 03:36:33 PM, 23 January 2024)

Total Marks: 1

-----are used to exchange session management and control information between connected devices.

Select the correct option

<input type="radio"/>	S-frames
<input checked="" type="radio"/>	U-frames
<input type="radio"/>	I-frames
<input type="radio"/>	N-frames

Question # 6 of 10 (Start time: 03:37:21 PM, 23 January 2024)

Total Marks: 1

According to stats, fewer than _____ crossbar points can be used at once.

Select the correct option

<input type="radio"/>	14%
<input type="radio"/>	100%
<input type="radio"/>	30%
<input checked="" type="radio"/>	25%



Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 03:38:57 PM, 23 January 2024)

Total Marks:

A local telephone network use _____ network.

Select the correct option

Packet switched

Circuit switched

Bit switched

Line switched

Question # 8 of 10 (Start time: 03:39:32 PM, 23 January 2024)

Total Marks: 1

----- does not happen until all the data is transferred and all of the resources are freed.

Select the correct option

<input type="radio"/>	Acknowledgement
<input checked="" type="radio"/>	Switching
<input type="radio"/>	Resource Allocation
<input type="radio"/>	Tear Down

Question # 9 of 10 (Start time: 03:40:17 PM, 23 January 2024)

Total Marks: 1

Transmission Control Protocol is a(n) _____ layer protocol.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Application |
| <input checked="" type="radio"/> | Transport |
| <input type="radio"/> | Network |
| <input type="radio"/> | Session |



Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 03:41:33 PM, 23 January 2024)

Total Marks: 1

In _____, collisions are avoided by deferring transmission even if the channel is idle.

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input type="radio"/> | The Deployment Frame |
| <input type="radio"/> | The Slotted Frame |
| <input type="radio"/> | The Interframe Space |
| <input checked="" type="radio"/> | The Contention Window |

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 04:02:53 PM, 23 January 2024)

Total Marks: 1

Redundancy contribute to error detection by _____

Select the correct option

 Reload Math Equations

reducing the size of data frames

increasing the speed of data transmission

adding extra bits to create relationships for error detection

encrypting data for secure transmission

Question # 6 of 10 (Start time: 04:04:58 PM, 23 January 2024)

Total Marks: 1

_____ is not a function of Data Link Control (DLC).

Select the correct option

 Reload Math Equations

- Flow control
- Routing
- Framing
- Error control



Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 04:06:07 PM, 23 January 2024)

Total Marks:

In Ethernet, the source address field in the MAC frame is the _____ address.

Select the correct option

- Sender's service port
- Sender's logical
- Next destination's physical
- Previous station's physical

NOT CONFIRMED

Question # 8 of 10 (Start time: 04:07:42 PM, 23 January 2024)

Total Marks: 1

In circuit switched networks we have low efficiency but minimal _____.

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | Speed |
| <input type="radio"/> | Errors |
| <input type="radio"/> | Throughput |
| <input checked="" type="radio"/> | Delay |



Click to Save Answer & Move to Next Question

Error detection and correction are the services provided by _____ layer.

Select the correct option

- Application layer
- Data link layer
- Session layer
- Physical layer

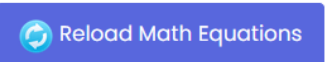
Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 04:09:24 PM, 23 January 2024)

Total Marks: 1

The aim of Acknowledgments in CSMA/CA is _____.

Select the correct option

 Reload Math Equations

- encrypting transmitted data
- confirming successful reception of data
- initiating data transmission
- assigning IP addresses to devices

[Click to Save Answer & Move to Next Question](#)