

## Cs610 Quiz

Solved by Rizwan Qadeer (Riz Mughal)

Youtube link:

<https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists>

### CS610:Quiz No.2

Question # 1 of 10 ( **Start time: 10:09:48 AM, 10 August 2020** )

The Source can configure outgoing datagram's to avoid \_\_\_\_\_

Select the correct option

<input type="radio"/>	Segmentation
<input type="radio"/>	Defragmentation
<input checked="" type="radio"/>	Fragmentation
<input type="radio"/>	None of the given

## Question # 2 of 10 ( Start time: 10:10:12 AM, 10 August 2020 )

Which protocol is used to test different tools.

Select the correct option

<input checked="" type="checkbox"/>	ICMP
<input type="checkbox"/>	IGMP
<input type="checkbox"/>	TCP/IP
<input type="checkbox"/>	none of the given

## Question # 3 of 10 ( Start time: 10:10:30 AM, 10 August 2020 )

A \_\_\_\_\_ is a special-purpose computer dedicated to the task of interconnecting networks.

Select the correct option

<input checked="" type="checkbox"/>	Router
<input type="checkbox"/>	Bridge
<input type="checkbox"/>	Switch
<input type="checkbox"/>	None of the given

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Question # 4 of 10 ( Start time: 10:10:48 AM, 10 August 2020 )

H.LEN shows the header length in units of \_\_\_\_ Bits

Select the correct option

<input type="radio"/>	34
<input checked="" type="radio"/>	32
<input type="radio"/>	30
<input type="radio"/>	None of the given

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## Question # 5 of 10 ( Start time: 10:11:02 AM, 10 August 2020 )

There are \_\_\_\_\_ possibilities to detect the destination using Trace-route

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | 1                 |
| <input checked="" type="radio"/> | 2                 |
| <input type="radio"/>            | 3                 |
| <input type="radio"/>            | None of the given |

## Question # 6 of 10 ( Start time: 10:11:19 AM, 10 August 2020 )

IPV6 128 bits address includes network prefix and \_\_\_\_\_

Select the correct option

<input checked="" type="checkbox"/>	Host Suffix
<input type="checkbox"/>	Host prefix
<input type="checkbox"/>	Source Prefix
<input type="checkbox"/>	none of the given

Question # 7 of 10 ( Start time: 10:11:36 AM, 10 August 2020 )

Total Marks: 1

As the Internet grew, the original Classful addressing scheme became a limitation. The IP address space was being exhausted because all networks had to choose one of two possible sizes.

Select the correct option

<input type="radio"/>	True	/
<input checked="" type="radio"/>	False	/

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Question # 8 of 10 ( Start time: 10:11:52 AM, 10 August 2020 )

\_\_\_\_\_ places the boundary between the second and third octets

Select the correct option

<input type="radio"/>	Class A
<input checked="" type="radio"/>	Class B
<input type="radio"/>	Class C
<input type="radio"/>	Class D



Question # 9 of 10 ( Start time: 10:12:07 AM, 10 August 2020 )

\_\_\_\_\_ places the boundary between the third and fourth octets

Select the correct option

<input type="radio"/>	Class A
<input type="radio"/>	Class B
<input checked="" type="radio"/>	Class C
<input type="radio"/>	Class D

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Question # 10 of 10 ( Start time: 10:12:23 AM, 10 August 2020 )

HEADER LEN field gives size of extension header.

Select the correct option

<input type="radio"/>	False
<input checked="" type="checkbox"/>	True

2<sup>nd</sup> account

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Question # 1 of 10 ( Start time: 10:14:27 AM, 10 August 2020 )

Inside a computer, each address mask is stored as a \_\_\_\_-bit value.

Select the correct option

<input type="radio"/>	48
<input type="radio"/>	64
<input type="radio"/>	16
<input checked="" type="radio"/>	32

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## Question # 2 of 10 ( Start time: 10:14:54 AM, 10 August 2020 )

Total Marks: 1

In \_\_\_\_\_, the protocol address assigned to a computer is chosen carefully so that computer's hardware address can be computed from the protocol address using basic Boolean and arithmetic operations.

## Select the correct option

<input type="radio"/>	Address Resolution	//
<input type="radio"/>	Table Lookup	//
<input type="radio"/>	Message Exchange	//
<input checked="" type="radio"/>	Closed-form Computation	//

## Question # 3 of 10 ( Start time: 10:15:17 AM, 10 August 2020 )

Total Marks: 1

As the Internet grew, the original Classful addressing scheme became a limitation. The IP address space was being exhausted because all networks had to choose one of \_\_\_\_\_ possible sizes.

## Select the correct option

<input checked="" type="radio"/>	three	//
<input type="radio"/>	two	//
<input type="radio"/>	four	//
<input type="radio"/>	five	//

## Question # 4 of 10 ( Start time: 10:15:37 AM, 10 August 2020 )

Total Marks: 1

\_\_\_\_\_ protocols of TCP/IP layering model specify the format of packets sent across internet as well as the mechanisms used to forward packets from a computer through one or more routers to a final destination.

## Select the correct option

<input type="radio"/>	Physical Layer	//
<input type="radio"/>	Network Interface Layer	//
<input checked="" type="radio"/>	Internet Layer	//
<input type="radio"/>	Transport Layer	//

## Question # 5 of 10 ( Start time: 10:16:00 AM, 10 August 2020 )

Total Marks: 1

The IP class scheme does not divide the \_\_\_\_\_ address space into equal size class and the classes do not contain the same number of networks.

## Select the correct option

<input type="radio"/>	16-bit	//
<input checked="" type="radio"/>	32-bit	//
<input type="radio"/>	48-bit	//
<input type="radio"/>	64-bit	//

Question # 6 of 10 ( Start time: 10:16:19 AM, 10 August 2020 )

\_\_\_\_\_ Protocol provides error reporting mechanism.

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | IGMP              |
| <input type="radio"/>            | SNMP              |
| <input checked="" type="radio"/> | ICMP              |
| <input type="radio"/>            | none of the given |

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Question # 7 of 10 ( Start time: 10:16:35 AM, 10 August 2020 )

Fragmentation when using ICMP for path MTU should be avoided.

Select the correct option

<input checked="" type="checkbox"/>	True
<input type="checkbox"/>	False

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Question # 8 of 10 ( Start time: 10:16:56 AM, 10 August 2020 )

Preliminary version of IP was called \_\_\_\_\_.

Select the correct option

<input type="radio"/>	IP - New Generation (IPng)
<input checked="" type="radio"/>	IP - Next Generation (IPng)
<input type="radio"/>	IP - Net Generation (IPng)
<input type="radio"/>	None of the given

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Question # 9 of 10 ( Start time: 10:17:16 AM, 10 August 2020 )

Whenever it handles a packet, IP software needs to separate the destination address into a prefix.

Select the correct option

<input type="radio"/>	True
<input checked="" type="checkbox"/>	False

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## Question # 10 of 10 ( Start time: 10:20:29 AM, 10 August 2020 )

IPV6 address with \_\_\_\_\_ leading zeros is interpreted to hold an IPV4 address.

Select the correct option

<input checked="" type="radio"/>	96
<input type="radio"/>	100
<input type="radio"/>	120
<input type="radio"/>	none of the given

3<sup>rd</sup> account

Question # 1 of 10 ( Start time: 10:28:57 AM, 10 August 2020 )

\_\_\_\_\_ places the boundary between the second and third octets

Select the correct option

<input type="radio"/>	Class A
<input checked="" type="radio"/>	Class B
<input type="radio"/>	Class C
<input type="radio"/>	Class D

Question # 2 of 10 ( Start time: 10:29:24 AM, 10 August 2020 )

\_\_\_\_\_ encapsulates IP datagram as data area in hardware frame.

Select the correct option

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Network Interface Layer |
| <input type="checkbox"/>            | Datalink Layer          |
| <input type="checkbox"/>            | Network Layer           |
| <input type="checkbox"/>            | None of the given       |

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Question # 3 of 10 ( Start time: 10:29:39 AM, 10 August 2020 )

Total Marks: 1

For \_\_\_\_\_, information about forwarding is stored in a routing table, which is initialized at system initialization and must be updated as network topology changes.

Select the correct option

<input checked="" type="checkbox"/>	Efficiency	//
<input type="checkbox"/>	Security	//
<input type="checkbox"/>	Accuracy	//
<input type="checkbox"/>	Anomalies	//

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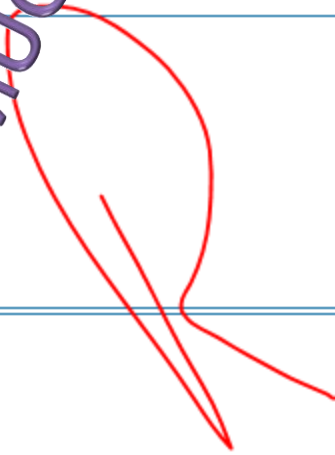
Question # 4 of 10 ( Start time: 10:29:56 AM, 10 August 2020 )

\_\_\_\_\_ Source is responsible for fragmentation.

Select the correct option

- |                                  |      |
|----------------------------------|------|
| <input type="radio"/>            | IPV4 |
| <input checked="" type="radio"/> | IPV6 |

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Question # 5 of 10 ( Start time: 10:30:09 AM, 10 August 2020 )

\_\_\_\_\_ is used for single destination computer.

Select the correct option

<input type="radio"/>	Multicast
<input type="radio"/>	Broadcast
<input checked="" type="radio"/>	unicast
<input type="radio"/>	none of the given

Click to Save An

Question # 6 of 10 ( Start time: 10:30:24 AM, 10 August 2020 )

Which protocol is used to test different tools.

Select the correct option

<input checked="" type="checkbox"/>	ICMP
<input type="checkbox"/>	IGMP
<input type="checkbox"/>	TCP/IP
<input type="checkbox"/>	none of the given



Question # 7 of 10 ( Start time: 10:30:47 AM, 10 August 2020 )

Total Marks: 1

Every hardware technology specification includes the definition of the maximum size of the frame data area, which is called the \_\_\_\_\_ Transmission Unit.

Select the correct option

<input type="radio"/>	Least	//
<input checked="" type="radio"/>	Maximum	//
<input type="radio"/>	Fragment	//
<input type="radio"/>	Frame	//

Question # 8 of 10 ( Start time: 10:31:12 AM, 10 August 2020 )

Postfix defines how much of address used to identify network.

Select the correct option

<input type="radio"/>	True
<input checked="" type="radio"/>	False

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Question # 9 of 10 ( Start time: 10:31:33 AM, 10 August 2020 )

Total Marks: 1

Hashing is the transformation of a string of characters into a usually shorter fixed-length value or a key that represents the original string.

Select the correct option

<input checked="" type="radio"/>	True	/
<input type="radio"/>	False	/

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Question # 10 of 10 ( Start time: 10:32:31 AM, 10 August 2020 )

IP datagram can contains \_\_\_\_\_ octets.

Select the correct option

<input checked="" type="checkbox"/>	0-65,535
<input type="checkbox"/>	1-65,535
<input type="checkbox"/>	1-65,536
<input type="checkbox"/>	none of the given