



CS302 - Digital Logic Design

Quiz No. 1 Solved by VU-Tech-Soft 100% Confirm Answer

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	 0306-3548328 https://wa.me/923063548328 SONU
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CS610:Quiz No.2

Question # 1 of 10 (**Start time: 10:00:03 PM, 11 August 2020**)

IPV6 address consists of _____

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | 32 Bits |
| ☐ | 64 Bits |
| ☒ | 128 Bits |
| ☐ | none of the given |



Question # 6 of 10 (Start time: 10:04:17 PM, 11 August 2020)

The address _____ identifies the physical network to which the computer is attached, while the _____ identifies an individual computer on that network.

Select the correct option

☒	prefix , suffix
☐	suffix , prefix
☐	suffix , suffix
☐	None of the given

Activate Win
Go to Settings to



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Question # 8 of 10 (Start time: 10:05:27 PM, 11 August 2020)

Class A mask is 255.0.0.0 which is used for _____

Select the correct option

☐	Unicasting
☐	Multicasting
☒	Subnetting
☐	All of the given





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Question # 9 of 10 (**Start time: 10:06:15 PM, 11 August 2020**)

Which protocol is used to test different tools.

Select the correct option

☒	ICMP
☐	IGMP
☐	TCP/IP
☐	none of the given



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Question # 10 of 10 (**Start time: 10:07:06 PM, 11 August 2020**)

Routers use _____ to forward datagrams along prearranged path.

Select the correct option

☐	Traffic class
☒	Flow label
☐	Destination address
☐	none of the given





Question # 1 of 10 (**Start time: 10:26:13 PM, 11 August 2020**)

IPV6 address consists of _____

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | 32 Bits |
| ☐ | 64 Bits |
| ☒ | 128 Bits |
| ☐ | none of the given |



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Question # 2 of 10 (Start time: 10:26:33 PM, 11 August 2020)

There are two standard implementations to improve computational efficiency: Hashing and Direct indexing

Select the correct option

☒	True
☐	False



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Question # 4 of 10 (Start time: 10:28:33 PM, 11 August 2020)

ICMP message transport is acted upon by getting ICMP _____ in IP.

Select the correct option

☐	De-encapsulated
☒	Encapsulated
☐	Segmented
☐	none of the given





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Question # 5 of 10 (**Start time: 10:29:31 PM, 11 August 2020**)

Which one is NOT the function of ping program

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☒ | Traceability |
| ☐ | Reachability |
| ☐ | Both a and b |
| ☐ | None of the given |



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Question # 6 of 10 (Start time: 10:30:34 PM, 11 August 2020)

An Internet Address (IP address) is a unique _____ binary number assigned to a host and used for all communication with host

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | 48-bit |
| ☒ | 32-bit |
| ☐ | 24-bit |
| ☐ | None of the given |



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Question # 7 of 10 (Start time: 10:31:40 PM, 11 August 2020)

Due to revolutionalization of IP-V6 the speed has increased from _____

 **Select the correct option**

- | | |
|----------------------------------|-------------------|
| ☐ | 56kbps to 512kbps |
| ☐ | 512kbps to 1gbps |
| ☒ | 56kbps to 1gbps |
| ☐ | none of the given |



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Question # 9 of 10 (Start time: 10:34:30 PM, 11 August 2020)

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

☒	True
☐	False





Question # 10 of 10 (Start time: 10:35:19 PM, 11 August 2020)

_____ field is used to identify a specific path through the network

Select the correct option

☐	FLOW LABEL
☐	TRAFFIC CLASS
☒	Both a and b
☐	none of the given





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Question # 1 of 10 (**Start time: 10:52:57 PM, 11 August 2020**)

There are three standard implementations to improve computational efficiency: Hashing, Direct Indexing and InDirect Indexing

Select the correct option

☐	True
☒	False



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CS610:Quiz No.2

Question # 2 of 10 (**Start time: 10:53:59 PM, 11 August 2020**)

ICMP message transport is acted upon by getting ICMP _____ in IP.

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | De-encapsulated |
| ☒ | Encapsulated |
| ☐ | Segmented |
| ☐ | none of the given |





Question # 3 of 10 (Start time: 10:54:42 PM, 11 August 2020)

Total Marks

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

☐	True	//
☒	False	//

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Question # 4 of 10 (**Start time: 10:55:41 PM, 11 August 2020**)

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

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☒ | 96 |
| ☐ | 100 |
| ☐ | 120 |
| ☐ | none of the given |





Question # 5 of 10 (Start time: 10:56:15 PM, 11 August 2020)

TTL stands for _____

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | Time to Learn |
| ☐ | Time to Leave |
| ☒ | Time to Live |
| ☐ | none of the given |





Question # 6 of 10 (**Start time: 10:57:32 PM, 11 August 2020**)

_____ protocols of TCP/IP layering model specify how to ensure reliable transfer.

Select the correct option

- | | |
|----------------------------------|-------------------------|
| ☐ | Physical Layer |
| ☐ | Network Interface Layer |
| ☐ | Internet Layer |
| ☒ | Transport Layer |





Question # 7 of 10 (Start time: 10:58:12 PM, 11 August 2020)

Header contains all information needed to deliver datagram to the destination computer. But which one of the following is not included:

Select the correct option

☐	Destination address
☐	Source address
☒	Rectifier
☐	Other delivery information





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Question # 8 of 10 (**Start time: 10:58:52 PM, 11 August 2020**)

NEXT HEADER field in the base header defines type of header it appears at the end of fixed-size base header.

Select the correct option

☒	True
☐	False





Question # 9 of 10 (Start time: 10:59:32 PM, 11 August 2020)

Fragmentation when using ICMP for path MTU should be avoided.

Select the correct option

True



False





Question # 10 of 10 (Start time: 11:00:11 PM, 11 August 2020)

The Network Layer Protocol **ICMP** stands for_____

Select the correct option

- | | |
|----------------------------------|-----------------------------------|
| ☐ | Instant Control Message Protocol |
| ☒ | Internet Control Message Protocol |
| ☐ | Initial Control Message Protocol |
| ☐ | None of the given |





Question # 1 of 10 (**Start time: 11:32:51 PM, 11 August 2020**)

_____ protocols of TCP/IP layering model specify how to ensure reliable transfer.

Select the correct option

- | | |
|----------------------------------|-------------------------|
| ☐ | Physical Layer |
| ☐ | Network Interface Layer |
| ☐ | Internet Layer |
| ☒ | Transport Layer |





Question # 2 of 10 (Start time: 11:33:28 PM, 11 August 2020)

IP datagram can contains _____ octets.

Select the correct option

☐	0-65,535
☐	1-65,535
☒	1-65,536
☐	none of the given





Question # 3 of 10 (**Start time: 11:34:18 PM, 11 August 2020**)

_____ Protocol provides error reporting mechanism.

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | IGMP |
| ☐ | SNMP |
| ☒ | ICMP |
| ☐ | none of the given |





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Question # 4 of 10 (**Start time: 11:35:27 PM, 11 August 2020**)

_____ places the boundary between the first and second octets

Select the correct option

☒	Class A
☐	Class B
☐	Class C
☐	Class D



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Question # 5 of 10 (**Start time: 11:36:53 PM, 11 August 2020**)

_____ is used for single destination computer.

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | Multicast |
| ☐ | Broadcast |
| ☒ | unicast |
| ☐ | none of the given |





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Question # 5 of 10 (**Start time: 11:36:53 PM, 11 August 2020**)

_____ is used for single destination computer.

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | Multicast |
| ☐ | Broadcast |
| ☒ | unicast |
| ☐ | none of the given |





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Question # 6 of 10 (**Start time: 11:37:34 PM, 11 August 2020**)

_____ field of header indicates whether a datagram is a fragment or a complete datagram.

Select the correct option

- | | |
|----------------------------------|-------------------|
| ☐ | FLAGS |
| ☒ | FRAGMENT OFFSET |
| ☐ | IDENTIFICATION |
| ☐ | None of the given |





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Question # 7 of 10 (**Start time: 11:38:22 PM, 11 August 2020**)

Mapping between a protocol address and a hardware address is called Address Resolution.

Select the correct option

☒	True
☐	False





Question # 9 of 10 (Start time: 11:40:14 PM, 11 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

☐	True
☒	False

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