DCN-MCQ For Reference

Telephone Network involves _____ transmission

A.Automatic

B.Half-duplex

C.Full-duplex

D.Simplex

Answer:C

Cable TV Network falls under which type of network

A.LAN

B.WAN

C.MAN

D.None of the above

Answer:C

The first Network is

A.CNNET

B.NSFNET

C.ASAPNET

D.ARPANET

Answer:D

A local area network?

A.that connects thirty personal computers can provide more computing power than a minicomputer.

B.cannot become bogged down like a mainframe if the load is too high

C.Both A & B

D.None of the above

Answer:A

Physical or logical arrangement of network is _____

A.Topology

B.Routing

C.Networking

D.None of the mentioned

Answer:A

In_____ topology, there is a central controller called as hub.

A.Star

B.Ring

C.Bus

D.Mesh

Answer:A

DHCP Stands for

A.Dynamic Host Configuration Protocol

B.Digital Host Communication Protocol

C.Digital Host Communication Provider

D.Dynamic Host Communication Provider

Answer:A

_____ refers to the physical or logical arrangement of a netwrok

A.Data Flow

B.Mode of Operation

C.Topology

D.None of the above

Answer:C

If an ethernet destination address is 08:07:06:05:44:33 then it is a _____address

A.Unicast

B.Multicast

C.Broadcast

D.None of the above

Answer:A

Hub operates in which layer of OSI Reference Model?

A.Layer 1 (Physical Layer)

B.Layer 3 (Network Layer)

C.Layer 4 (Transport Layer)

D.Layer 7 (Application Layer)

Answer:A

Fast Ethernet has a data rate of _____ MBPS

A.10

B.100

C.1000

D.10000

Answer:B

What is the size of MAC Address?

A.16-bits

B.32-bits

C.48-bits

D.64-bits

Answer:C

In Ethernet frame, both destination and sender addresses are of length

A.1 Byte

B.2 Byte

C.4 Byte

D.6 Byte

Answer:D

Communication offered by TCP is_____

A.Full-duplex

B.Half Duplex

C.Semi Duplex

D.Byte by byte

Answer:A

The _____field is used to detect errors over the entire user datagram.

A.UDP Header

B.Checksum

C.Source Port

D.Destination Port

Answer:B

Which address identifies a process on a host.

A.Physical Address

B.Logical Address

<mark>C.Port Address</mark>

D.Specific Address

Answer:C

OSI Model has _____layers.

A.4

B.5

C.6

<mark>D.7</mark>

Answer:D

Which of the following is false with respect to UDP?

<mark>A.Connection Oriented</mark>

B.Unreliable

C.Transport Layer Protocol

D.Low Overhead

Answer:A

The physical layer concerns with

<mark>A.bits</mark>

B.frames

C.packets

D.none of the mentioned above

Answer:A

Which standard TCP port is assigned for HTTP?

A.port 21

B.Port 80

C.port 23

D.port 24

Answer:B

In addresses for ………. networks, the first 16 bits specify a particular network, and the last 16 bits specify a particular host.

A.Class A

B.Class C

C.Class B

D.Class D

Answer:C

Bridges operates in which layer of the OSI model?

A.Presentation layer

B.Data link layer

C.Network layer

D.Transport layer

Answer:B

Which of the following protocol is/are defined in Transport layer?

A.FTP

B.TCP

C.UDP

D.B & C

Answer:D

What is the default/ natural mask for a class B Network?

A.255.255.255.1

B.255.255.255.0

C.255.255.255.254

D.255.255.0.0

Answer:D

_____ is the protocol suite for the current internet.

A.TCP/IP

B.NCP

C.UDP

D.ACM

Answer:A

Which layer is responsible for process to process delivery?

A.network layer

B.transport layer

C.Session layer

D.data link layer

Answer:B

In OSI network architecture the routing is performed by

A.Network Layer

B.Data link layer

C.Transport layer

D.Session layer

Answer:A

172.31.25.151 is an example of_____ IP Address.

A.Public

B.Private

C.Class A

D.Class E

Answer:B