computer knowledge-ccna mcq questions online test-paper1

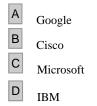**CCNA stands for ?**

A Cisco Certified Network Assertion

B Cisco Certified Network Associate

C Cisco Certified Network Association

D Cisco Certified Network Alliance

Answer : B

CCNA is associated with

A Google

B Cisco

C Microsoft

D IBM

Answer : B

When are link-state packets sent to neighbors?

A every 30 seconds

B every 180 seconds

C when a routing loop occurs

D when a link goes up or down

Answer : C

Which address that always uses the EUI-64 addressing mechanism

A Anycast addresses

B Global unicast addresses

C Link-local addresses

D None of the above

Answer : C

Which one is among the IP routing protocols?

A RIP

B AURP

C ARP

D ICMP

Answer : A

Which one is the correct features of X.25?

A   Supports only IP

B   Utilizes switched and permanent virtual circuits

C   Contains minimal flow control and error recovery

D   None of the above

Answer : B

Which security method does SNMP version 2c employ.

A   Community strings

B   Encryption

C   Both A and B

D   None of the above

Answer : A

Which one of the following is not the characteristics of IGRP?

A   Uses hop count as a metric

B   Supports multiple unequal paths

C   Administrative distance is 100

D   Configured with an Autonomous system number

Answer : A

Which network plane is used for Spanning Tree Protocol (STP)

A   Switch plane

B   Control plane

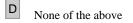C   Management plane

D   Data plane

Answer : B

Which one of the following is not the characteristics of ISDN?

A   Transports voice and data

B   Transports voice only

C   Support both BRI and PRI

D   Runs over existing phone lines

Answer : B

RADIUS authentication use _____ protocol and port.

A   UDP/1845

B   UDP/1645

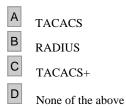C   UDP/1745

D None of the above

Answer : B

Which OSI layer associated with bits?

A Physical

B Network

C Binary

D Data link

Answer : A

Which protocol will encrypt the entire packet from the switch or router to the AAA server?

A TACACS

B RADIUS

C TACACS+

D None of the above

Answer : C

Which OSI layer establishes, maintains and terminates sessions between hosts

A Session

B Physical

C Network

D Presentation

Answer : A

Which OSI layer performs code conversion, code formatting and encryption?
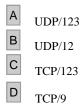
A Physical

B Session

C Application

D Presentation

Answer : D

Which protocol helps synchronize time for routers and switches?

A ICMP

B SNMP

C NTP

D None of the above

Answer : C

Which protocol and port does NTP use for time synchronization?

A   UDP/123

B   UDP/12

C   TCP/123

D   TCP/9

Answer : A

Which is the recommended maximum delay VoIP traffic should not exceed.

A   120 ms

B   130 ms

C   140 ms

D   150 ms

Answer : D

Which method helps combat queue starvation for QoS queuing?

A   Policing

B   CBWFQ

C   LLQ

D   None of the above

Answer : A

A hardware device required to connect a Token ring network to an Ethernet network is?

A   Repeater

B   Router

C   TR-Enet

D   Token Ring to Ethernet translation hub

Answer : B