Vendor: Nokia

Exam Code: 4A0-100

Exam Name: Nokia IP Networks and Services Fundamentals

Version: DEMO

QUESTION 1
What is the name for an organization that provides Internet services to its customers?

A. A large corporation.
B. An ISP.
C. A home based business.
D. A content provider.

Answer: B

QUESTION 2
The IANA is responsible for:

A. Intra-city ISP traffic
B. Allocationof the global IP address space
C. Allocating IP addresses for residential customer traffic
D. Allocating North American IP addresses

Answer: B

QUESTION 3
Which of the following is an important advantage of protocol layering? (Choose two)

A. Controls distribution of IP addresses.
B. Simplifies protocol functionality.
C. Isolates changes in lower layers from upper layers.
D. Increases protocol operational efficiencies.
E. Layering adds to the fragmentation of the data

Answer: CD

QUESTION 4
To transmit its segments of data across the network TCP uses the services of which layer?

A. Application Layer.
B. Transport Layer.
C. IP Layer.
D. Data Link Layer

Answer: C

QUESTION 5
Which of the following are protocols belonging to the OSI suite of protocols? (Choose two)

A. OSPF
B. BGP
C. X.500
D. IS-IS

E. Ethernet

Answer: CD

QUESTION 6
Which of the following statements is TRUE regarding the development of the OSI Reference Model?

A. OSI was developed as an alternative, open standard to IBMs SNA model.
B. OSI protocols were no longer used after TCP/IP was developed.
C. OSI model is much simpler than TCP/IP.
D. OSI model is maintained exclusively by the IETF.

Answer: A

QUESTION 7
The TCP/IP and OSI models of protocol aresimilar in that they both have:

A. An application and session layer.
B. A network layer that provides a universal and consistent forwarding service.
C. A transport layer with two protocols.
D. An applications services layer with similar layering and service definitions.

Answer: C

QUESTION 8
How many of the front access card slots of the Alcatel-Lucent 7750 SR-12 router are dedicated for redundant common equipment?

A. 1
B. 2
C. 7
D. 10

Answer: B

QUESTION 9
Which of the following is not supported on the Alcatel-Lucent 7450 ESS?

A. Support for IPv6.
B. Support for POS.
C. Upgrade path to the Alcatel-Lucent 7750 SR.
D. Support for IS-IS

Answer: C

QUESTION 10
The TiMOS-m.n.Y.Z software image file is software that:

A. Contains all the components required to configure and run protocols on the Alcatel- Lucent 7750 SR/7450 ESS.
B. Loads the router configuration.
C. Transfers the router configuration from the router to the network management system.
D. Loads the router software image.

Answer: A

QUESTION 11
Which of the following protocols allows for secure transfer of files? (Select TWO).

A. ICMP
B. SNMP
C. SFTP
D. SCP
E. TFTP

Answer: CD

QUESTION 12
Pete, the compliance manager, wants to meet regulations. Pete would like certain ports blocked only on all computers that do credit card transactions. Which of the following should Pete implement to BEST achieve this goal?

A. A host-based intrusion prevention system
B. A host-based firewall
C. Antivirus update system
D. A network-based intrusion detection system

Answer: B

QUESTION 13
Pete, the system administrator, wants to restrict access to advertisements, games, and gambling web sites. Which of the following devices would BEST achieve this goal?

A. Firewall
B. Switch
C. URL content filter
D. Spam filter

Answer: C

QUESTION 14
Which of the following best describes the operation of the Media Dependent Adapter (MDA)?

A. The MDA contains the flexible fast path complex used for forwarding data.
B. Excess data is discarded by the MDA and the remaining data forwarded for QoS processing.
C. The MDA buffers data and applies Quality of Service (QoS) to classify and treat the data

appropriately.
D. The MDA converts data from its incoming physical format into an internal format and provides some minimal buffering.

Answer: D

QUESTION 15
What is NOT a function ofthe IOM?

A. It forwards the data to the switch fabric.
B. It discards excess data packets.
C. It converts the incoming data to an internal format.
D. It performs Quality of Service operations and buffers incoming data.

Answer: C

QUESTION 16
Which of the following is a feature of a VLAN?

A. A VLAN allows multiple Ethernet switches to be connected in a single broadcast domain.
B. A VLAN allows multiple Ethernet switches to be connected in a single collision domain.
C. A VLAN can separate ports on the same switch into different broadcast domains.
D. A VLAN can separate ports on the same switch into different collision domains.

Answer: C

QUESTION 17
What is required if devices on different VLANs wish to communicate with each other?

A. Devices on different VLANs cannot communicate with each other.
B. Devices on different VLANs can communicate with each other as long as they are connected to the same switch.
C. Devices on different VLANs can communicate with each other as long as the switches they are attached to are connected to each other with an Ethernet connection.
D. Devices on different VLANs can communicate with each other if there is an IP router to connect the VLANs.

Answer: D

QUESTION 18
A 24 port Ethernet switch is configured with VLAN 100 on ports 1 - 8, VLAN 200 on ports 9 - 16 and VLAN 300 on ports 17 - 24.
Which of the following describes the behavior of the switch when a broadcast frame is received on port 1?

A. The switch will discard the broadcast frame because there is no specific destination address.
B. The switch will flood the broadcast frame on all ports on which the switch has seen frames from attached devices
C. The switch will flood the broadcast frame on ports 2 to 8.

D. The switch will flood the broadcast frame on all 24 ports.

Answer: C

QUESTION 19
The method by which Ethernet frames are associated to a specific VLAN is referred to as:

A. Segmenting
B. Stacking
C. Routing
D. Tagging

Answer: D

QUESTION 20
What information is used to separate VLANs on a VLAN trunk that connects multiple VLANs?

A. VLAN tag.
B. IP Header.
C. FCS.
D. Priority Value.

Answer: A

QUESTION 21
Which of the following technologies uses multiple devices to share work?

A. Switching
B. Load balancing
C. RAID
D. VPN concentrator

Answer: B

QUESTION 22
Which of the following protocols uses an asymmetric key to open a session and then establishes a symmetric key for the remainder of the session?

A. SFTP
B. HTTPS
C. TFTP
D. TLS

Answer: B

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