Nortel 920-180

Nortel 920-180 NCTS Real Time Networking

Practice Test

Version 1.0

QUESTION NO: 1

Which protocol is used for establishing media streams in H.323?

A. G.711
B. H.450
C. H.245
D. H.225.0

Answer: C

QUESTION NO: 2

The Discrete Cosine Function (DCT) in an MPEG encoder, translates blocks of which number of pixels?

A. 16x16
B. 8x8
C. 2x2
D. 64x64

Answer: B

QUESTION NO: 3

Other than PCM codecs, which are the most common type of codecs used for telecom voice?

A. wideband codecs
B. CELP codecs
C. variable bit-rate codecs
D. sub-band codecs

Answer: B

QUESTION NO: 4

Which is the correct definition of STP as applied to an Ethernet switch?

A. Switch Transaction Protocol
B. Simple Timing Protocol
C. Spanning Tree Protocol
D. Signal Transfer Point

Answer: C

QUESTION NO: 5

In a Digital Subscriber Line (DSL) network, which three functions are provided by the subscriber aggregation platform? (Choose three.)

A. dynamic service selection via PPPoE
B. termination of DSLAM data trunks
C. voice services via GR-303
D. routing of data packets
E. Bayesian filtering for spam blocking

Answer: A,B,D

QUESTION NO: 6

Which is a true statement about MPLS mechanisms?

A. Switching decisions are made at the Label Switching Router (LSR) based in part on a label.
B. Switching decisions are made at the Label Edge Router (LER) based in part on a label.
C. Routing decisions are made at the Label Edge Router (LER) based in part on a label.
D. Routing decisions are made at the Label Switching Router (LSR) based in part on a label.

Answer: A

QUESTION NO: 7

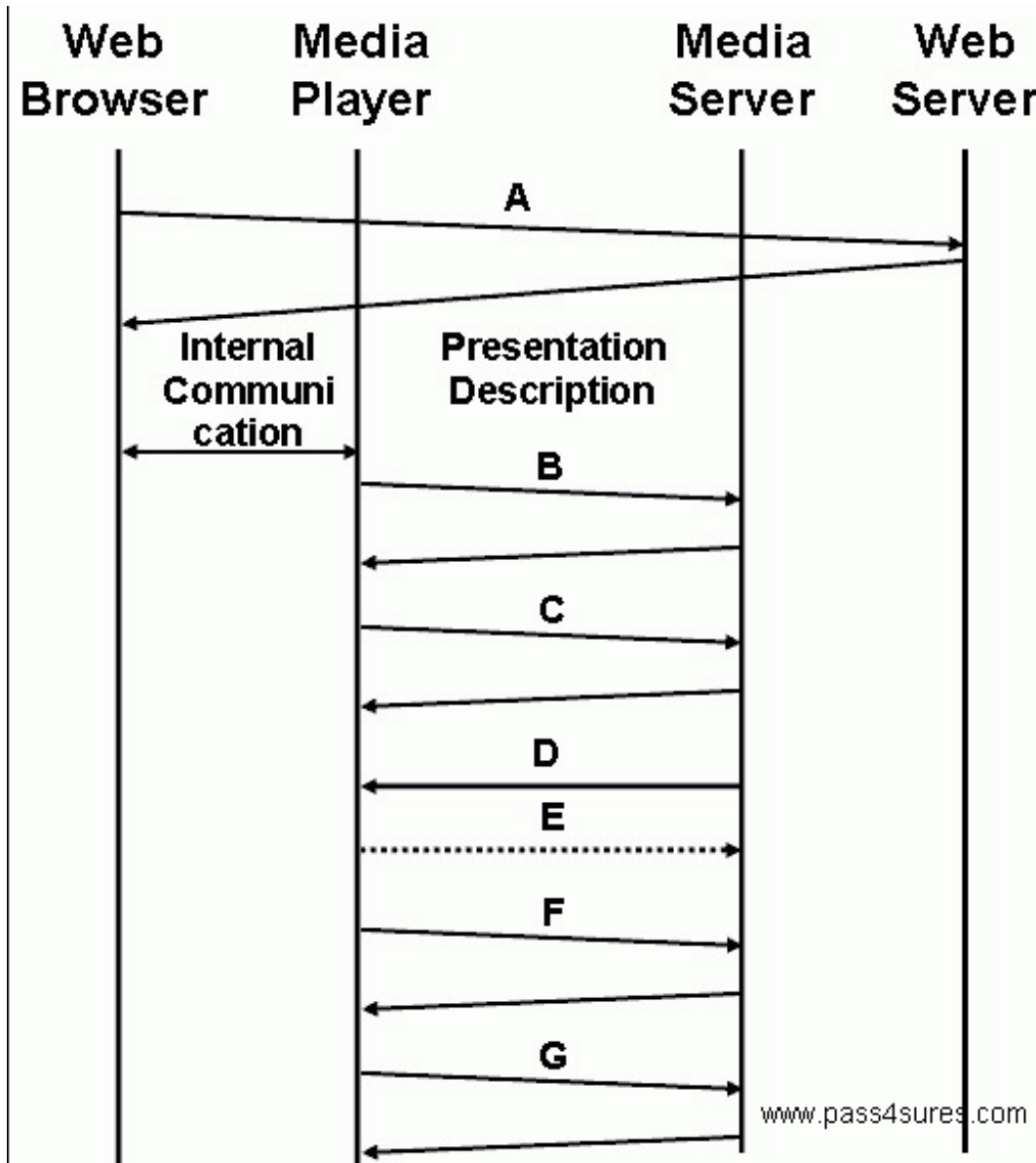What type of network topology does RPR employ?

A. Linear
B. Mesh
C. Point-to-Point
D. Ring

Answer: D

QUESTION NO: 8

Click on the Exhibit button.

In a typical RTSP operation what type of protocol will be used with transaction C?

A. RTP
B. HTTP
C. RTSP
D. RTCP

Answer: C

QUESTION NO: 9

What must Real Time Networking provide?

A. the illusion that there is no network between the endpoints
B. the ability to run any service or application a user wants
C. the capacity to provide service to all user in all situations

D. the capacity to provide connectivity to all potential users

Answer: A

QUESTION NO: 10

What technology allows a SONET ring to act like the backplane of an Ethernet switch?

A. RPR
B. STS
C. VLAN
D. TDI

Answer: A

QUESTION NO: 11

Which network characteristics are considered "Best Effort"? (Choose three.)

A. first-come, first-served
B. scheduling & policing
C. all sessions admitted
D. call admission control
E. no resource guarantee
F. traffic service classes
G. expedited forwarding

Answer: A,C,E

QUESTION NO: 12

Which application uses fixed-sized packets?

A. Video Conferencing
B. Telnet
C. Email
D. Streaming Audio
E. VoIP

Answer: E

QUESTION NO: 13

Which factor affects the perceptibility of echo in a voice network?

A. Long Return from Procedure (RETL)
B. packet loss
C. Talker Echo Loudness Rating (TELR)
D. choice of CODEC

Answer: C

QUESTION NO: 14

Which operations on IP packets are NOT performed by NAT? (Choose two.)

A. changing the destination Port Number
B. changing the transport protocol
C. changing IPSec payload
D. changing the destination IP address
E. changing embedded IP addresses

Answer: B,C

QUESTION NO: 15

In a Multiprotocol Label Switching (MPLS) network, what are the two Label Distribution Protocols (LDPs)?

A. RSVP-TE and OSPF-TE
B. CR-LDP and IS-IS
C. OSPF-TE and IS-IS-TE
D. RSVP-TE and CR-LDP

Answer: D

QUESTION NO: 16

How many classes of service are available through the Ethernet User Priority bits?

A. 32
B. 8
C. 16

D. 12

Answer: B

QUESTION NO: 17

Which feature is common to both TCP and RTP?

A. reliable connection
B. error recovery
C. session protocol
D. flow/congestion control
E. multicast

Answer: C

QUESTION NO: 18

Which SONET/SDH network configuration has the attribute of being able to reuse the traffic timeslots around the network?

A. an optical terminal device with in a linear topology
B. an optical wideband digital cross-connect in a 1 for N configuration
C. a broadband digital cross-connect using a Bidirectional Line-Switched Ring (BLSR) configuration
D. an optical Add-Drop Multiplexer network within a Unidirectional Path-Switched Ring (UPSR)

Answer: C

QUESTION NO: 19

Which is a true statement about MPLS mechanisms?

A. Switching decisions are made at the LER based on source and destination IP addresses.
B. Routing decisions are made at the LSR based on source and destination IP addresses.
C. Switching decisions are made at the LSR based on source and destination IP addresses
D. Routing decisions are made at the LER based on source and destination IP addresses.

Answer: D

QUESTION NO: 20

Which applications and services are classified as Non-Real-Time (NRT)? (Choose three).

A. Security Monitoring
B. File Transfer
C. Short Message Service (SMS)
D. Voice Mail
E. Remote Operation of Word Processor
F. Video Conferencing
G. Cellular Phone Service

Answer: B,C,D

QUESTION NO: 21

Which ATM adaptation layer must use Constant Bit Rate (CBR)?

A. AAL3/4
B. AAL5
C. AAL1
D. AAL2

Answer: C

QUESTION NO: 22 DRAG DROP

Click the Task button to drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

Drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

LIST A	LIST B	
G.729/G.729A	place here	Lowest Distortion
G.723.1	place here	
G.711-64	place here	
G.726-32	place here	Highest Distortion

Answer:

Drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

LIST A
- G.729/G.729A
- G.723.1
- G.711-64
- G.726-32

LIST B
- G.711-64 — Lowest Distortion
- G.726-32
- G.723.1
- G.729/G.729A — Highest Distortion

QUESTION NO: 23

In a Multiprotocol Label Switching (MPLS) network, what is the main function of a Label Distribution Protocol (LDP)?

A. To fill routing tables.
B. To switch MPLS packets on Label Switch Routers (LSRs).
C. To establish the Label Switched Paths (LSPs).
D. To create local backup paths.

Answer: C

QUESTION NO: 24

Which of the following items is related to cable based IP networks?

A. AAL5
B. IEEE 802.16
C. DOCSIS
D. ADSL

Answer: C

QUESTION NO: 25

In a properly tuned converged network, the various technologies and protocols _____.

A. operate side-by-side without affecting each other.

B. are reduced to a minimum set to prevent interaction between them.

C. are kept separated so they cannot interact.

D. can interact and should not be treated in isolation.

Answer: D

QUESTION NO: 26

What type of QoS mechanisms is capable of delivering hard QoE?

A. end-to-end centralized

B. DiffServ

C. nodal

D. distributed

E. traffic policing and shaping

Answer: A

QUESTION NO: 27

RTCP is the control protocol that works in conjunction with RTP. What is the main purpose of the protocol?

A. provides a reliable communication mechanism

B. supports a transparent tunnel for security

C. supports VCR-like commands for RTP

D. provides measurements and statistics feedback information

Answer: D

QUESTION NO: 28

What is the difference between a single rate and a dual rate policer?

A. a single rate policer meters on DSCP, a dual rate policer meters on DSCP and Drop Precedence

B. a single rate policer meters on CIR, a dual rate policer meters on CIR and EIR.

C. a single rate policer meters on EIR, a dual rate policer meters on EIR and CIR

D. a single rate policer meters on Drop Precedence, a dual rate policer meters on Drop Precedence and DSCP