C.   AXL
D.   XMPP
E.   QBE

Correct Answer: BD

QUESTION 21
Which Cisco Unified communications manager configuration is required for SIP MWI integration?

A.   Select "Redirecting Diversion Header Delivery Inbound" on the SIP trunk.
B.   Enable "Accept presence subscription" on the SIP trunk security profile.
C.   Select "Redirecting Diversion Header Delivery outbound" on the SIP trunk.
D.   Enable "Accept unsolicited notification" on the SIP Trunk security profile.

Correct Answer: D

QUESTION 22
An engineer encounters third-party devices that do not support Cisco Discovery Protocol. What must be configured on the network to allow device discovery?

A.   TFTP
B.   LACP
C.   LLDP
D.   SNMP

Correct Answer: C

QUESTION 23
A customer wants a video conference with five Cisco TelePresence IX5000 series system. Which media resource is necessary in the design to fully utilize the immersive functions?

A.   Software conference bridge on Cisco Unified Communications Manager
B.   Cisco PVDM4-128
C.   Cisco Webex meetings server
D.   Cisco meeting server

Correct Answer: D

QUESTION 24
How does Cisco Unified Communications Manager perform a digit analysis on-hook versus off-hook for an outbound call from a Cisco IP phone that is registered to Cisco Unified CM?

A.   On-hook, by pressing the digits and entering "#" to process the call, Unified CM performs a digit-by-digit analysis; off-hook, Unified CM analyses all digits as a string.
B.   On-hook, unified CM performs a digit-by-digit analysis; off-hook, Unified CM considers all digit were dialed and dos not wait for additional digits.
C.   On-hook, no digit analysis is performed; off-hook, Unified CM requires the "#" to start the digit analysis.

D. On-hook, Unified CM considers all digits were dialed and does not wait for additional digits; off-hook, Unified CM performs a digit-by-digit analysis.

Correct Answer: D

QUESTION 25
On which protocol and port combination does Cisco prime collaboration receive notifications (Traps and InformRequests) from several network devices in the collaboration infrastructure for which it has requested notifications?

A. UDP 161
B. TCP 161
C. TCP 80
D. UDP 162

Correct Answer: D

QUESTION 26
What is a valid class included in the 8-class QoS strategy in a VoIP network?

A. Assured Forwarding
B. Broadcast video
C. Multimedia conferencing
D. Real-Time Interactive

Correct Answer: C

QUESTION 27
On which Cisco Unified Communications Manager nodes can the TFTP service be enabled?

A. Any node
B. Any subscriber nodes
C. Only nodes that have Cisco Unified CM service enabled
D. Any two nodes

Correct Answer: D

QUESTION 28
Which settings are needed to configure the SIP route pattern in Cisco Unified Communications Manager?

A. Pattern usage, IPv4 pattern, IPv6 pattern, and description
B. Pattern usage, IPv4 pattern, and SIP trunk/Route list
C. Pattern usage, IPv6 pattern, and SIP trunk/Route list
D. SIP trunk/Route list, description, and IPv4 pattern

Correct Answer: B

QUESTION 29
Which recommendation is the best practice for marking video and voice media in a cisco Unified Communications network?

A. Voice Cos 6 (IP Precedence 4, PHB AF41, or DSCP 24)
   Video Cos 5 (IP Precedence 4, PHB EF, or DSCP 34)
B. Voice Cos 5 (IP Precedence 5, PHB EF, or DSCP 46)
   Video Cos 4 (IP Precedence 4, PHB AF41, or DSCP 34)
C. Voice Cos 5 (IP Precedence 2, PHB EF, or DSCP 48)
   Video Cos 4 (IP Precedence 4, PHB AF41, or DSCP 46)
D. Voice Cos 5 (IP Precedence 6, PHB AF41, or DSCP 16)
   Video Cos 4 (IP Precedence 5, PHB EF, or DSCP 32)

Correct Answer: A

QUESTION 30
Refer the exhibit. Given this "debug isdn q921" output, what is the problem with the PRI?

```
000193: Dec  5 14:35:31.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec  5 14:35:32.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec  5 14:35:33.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec  5 14:35:34.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
```

A. Layer 1 is down on the controller.
B. PRI does not have an IP address configured on the interface.
C. Noting, the PRI is sending keepalives.
D. Layer 2 is down on the controller.

Correct Answer: D

QUESTION 31
Where is the default for maximum session Bit Rate for a region configured?

A. Region configuration
B. Enterprise Phone configuration
C. Service parameter configuration
D. Enterprise parameters configuration
Correct Answer: A

QUESTION 32
You are adding regions in Cisco Unified Communications Manager. Which codec(s) are selected when a call is placed if you set up the max audio bit rate to use 8 kbps?

A. G.722
B. G.729
C. G.729 and G.711ualw
D. G.711ulaw and G.711alaw

Correct Answer: B

QUESTION 33
How are E.164 called-party numbers normalized on a globalized call-routing environment is Cisco Unified Communications Manger?

A. Normalization is achieved by stripping or translating the called numbers.
B. Call ingress must be normalized before the call being routed.
C. Normalization is not required.
D. Normalization is achieved by setting up calling search and partitions at the SIP trunk for PSTN connection.

Correct Answer: A

QUESTION 34
A customer has Cisco Unity Connection that is integrated with LDAP. As a unity connection administrator, you have received a request to change the first for VM user. Where must the change be performed?

A. Cisco unity connection
B. Cisco IM and presence
C. Cisco Unified Communications Manager end user
D. Active directory

Correct Answer: D

QUESTION 35
An engineer is configuring a BOT device for a Jabber user is Cisco Unified Communication Manager. Which phone type must be selected?

A. Cisco Dual mode for Android
B. Cisco Unified Client services Framework
C. third-party SIP device
D. Cisco Dual Mode for iPhone

Correct Answer: A

QUESTION 36
Which command in the MGCP gateway configuration defines the secondary Cisco Unified Communications Manager server?

A. ccm-manager redundant-host
B. Mgcp call-agent
C. Mgcpapp
D. ccm-manager fallback-mgcp

Correct Answer: A

QUESTION 37
Which access control group is required on an end user to allow Jabber to do deskphone mode?

A. Standard CTI Enabled

B. Standard CTI Allow Reception of SRTP key Material
C. Allow control of device from CTI
D. Standard CTI Secure Connection

Correct Answer: A

QUESTION 38
Refer to the exhibit. A call is failing to establish between two SIP Devices. The Called device answer with this SDP. Which SDP parameter causes this issue?


```
v=0
o=Cisco-SIPUA 13439 0 IN IP4 10.10.10.10
s=SIP Call
b=AS:4064
t=0 0
m=audio 0 RTP/AVP 114 9 124 113 115 0 8 116 18 101
c=IN IP4 10.10.10.10
b=TIAS:64000
a=rtpmap:114 opus/48000/2
a=fmtp:114 maxplaybackrate=16000;sprop-
maxcapturerate=16000;maxaveragebitrate=64000;stereo=0;sprop-stereo=0;usedtx=0
a=rtpmap:9 G722/8000
a=rtpmap:124 ISAC/16000
a=rtpmap:113 AMR-WB/16000
a=fmtp:113 octet-align=0;mode-change-capability=2
a=rtpmap:115 AMR-WB/16000
a=fmtp:115 octet-align=1;mode-change-capability=2
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:116 iLBC/8000
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=yes
```

```
b=TIAS:64000
a=rtpmap:114 opus/48000/2
a=fmtp:114 maxplaybackrate=16000;sprop-
maxcapturerate=16000;maxaveragebitrate=64000;stereo=0;sprop-stereo=0;usedtx=0
a=rtpmap:9 G722/8000
a=rtpmap:124 ISAC/16000
a=rtpmap:113 AMR-WB/16000
a=fmtp:113 octet-align=0;mode-change-capability=2
a=rtpmap:115 AMR-WB/16000
a=fmtp:115 octet-align=1;mode-change-capability=2
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:116 iLBC/8000
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=yes
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
a=sendrecv
```

A. The RTP port is set to 0.
B. The payload for G.711ulaw must be 18.
C. The media stream is set to sendonly.
D. The calling device did not offer a ptime value.

Correct Answer: A