Question 1
Which two Cisco Unified Border Element configurations resolve this issue?
Refer to the exhibit.

An engineer is working on a ticket that reports TEL1 cannot call TEL2. These dial peers are configured to route the call between the endpoints:

dial-peer voice 2001 voip
destination-pattern 2001
session protocol sipv2
session target ip4:10.1.1.2
incoming called-number.
codec g722-64 video
dtmf-relay rtp-ni sip-notify sip-kpml
no vad
dial-peer voice 3001 voip
destination-pattern 3001
session protocol sipv2
session target ip4:10.3.1.2
incoming called-number.
codec g722-64 video
codec h264
dtmf-relay rtp-ni sip-notify sip-kpml
no vad

While troubleshooting, the engineer discovers that the Cisco Unified Border Element is giving the error “SIP/2.0 403 Forbidden”. Which two Cisco Unified Border Element configurations resolve this issue? (Choose two.)

A. voice service voip
mode border-element
ip address trusted list
ipv4 10.1.1.0 255.255.255.0
ipv4 10.2.1.0 255.255.255.0
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0

B. voice service voip
no ip address trusted authenticate
mode border-element
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0

C. voice service voip
mode border-element
ip address trusted list
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0

D. voice service voip
mode border-element
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0

E. voice service voip
mode border-element
ip address trusted list
ipv4 10.1.1.0 255.255.255.0
ipv4 10.3.1.0 255.255.255.0
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0

Correct Answer: AC
Explanation/Reference:
Question 2
What is the PID value of the default dial peer?
When the Cisco IOS router or gateway receives a call setup request, what is the PID value of the default dial peer?
A. PID:3
B. PID:6
C. PID:0
D. PID:4
E. PID:5
F. PID:1
G. PID:2
H. PID:7
Correct Answer: C
Explanation/Reference:

Question 3
How do you resolve this issue?
You are a Network Engineer at ABC Company. You want to ensure that when the contact center agent for the company makes an external call, the extension 897 654300 is displayed. How do you resolve this issue?
B. Configure an external phone number mask on the Directory Number configuration page.
C. Configure a translation pattern with the pattern 897654300.
D. Configure an external phone number mask on the Device configuration page.
Correct Answer: B
Explanation/Reference:

Question 4
Which route pattern is the best match for the range of 6000 to 6599?
Which route pattern is the best match for the range of 6000 to 6599?
A. 65XX
B. 60XX
C. 6[05]XX
D. 6XXX
E. 6[0-5]??
Correct Answer: E
Explanation/Reference:

Question 5
Which two describe how media resources and audio streams operate with Cisco Unified Communications Manager?
Which two describe how media resources and audio streams operate with Cisco Unified Communications Manager? (Choose two.)
A. Audio streams are terminated differently depending on the signaling protocol, such as SCCP or SIP.
B. Audio streams are always terminated by media resources.
C. All media resources register with Cisco Unified Communications Manager.
D. There are no situations in which IP phone-to-IP phone audio streams will go directly between endpoints.
E. Signaling between Cisco Unified Communications Manager and hardware media resources uses the same protocol as the call-signaling type.
Correct Answer: BC
Explanation/Reference:

Question 6
What is a route list?
What is a route list?
A. a list of locations
B. an ordered list of regions
C. a list of route patterns
D. an ordered list of gateways and trunks
E. an ordered list of route groups
Correct Answer: E
Explanation/Reference:
Reference: http://www.cisco.com/c/en/us/docs/voice_ip_comm/cucm/admin/7_1_2/ccmsys/acm-712-cm/a03rp.html#wp1045311

Question 7
Which route pattern is used when 25911 is dialed from an endpoint with a CSS that can access the required partition?
Which route pattern is used when 25911 is dialed from an endpoint with a CSS that can access the required partition?
A. 25XXX
B. 2[56]XXX
C. 2591[12]
D. 259XX
Correct Answer: D
Explanation/Reference:

Question 8
Which three devices are analyzed by the Cisco Unified Communications Dialed Number Analyzer?
Which three devices are analyzed by the Cisco Unified Communications Dialed Number Analyzer? (Choose three.)
A. gatekeeper
Question 9
Which statement about the DiffServ QoS deployment architecture is true?
A. DiffServ does not differentiate traffic types and thus cannot provide service levels.
B. DiffServ architecture differentiates and classifies various types of traffic and provides several levels of service based on that classification.
C. Resource Reservation Protocol is an example of a DiffServ mechanism where each router on the path for packet transmission is informed of the upcoming packet stream.
D. DiffServ architecture provides QoS by assuring treatment for a specific traffic flow.
Correct Answer: B
Explanation/Reference:

Question 10
Which three items have a calling search space? (Choose three.)
A. transcoder
B. gateways
C. phone lines
D. phones
E. partitions
F. AAR groups
Correct Answer: BDE
Explanation/Reference:

Question 11
Which Cisco Unified Communications Manager default global conference setting should be changed to ensure fraud prevention?
A. Advanced Ad Hoc Conference Enabled
B. Enable Click-to-Conference for Third-Party Applications
C. Drop Ad Hoc Conference
D. Block OffNet to OnNet Transfer
E. MCU Conference Bridge Custom Layout Index
Correct Answer: C
Explanation/Reference:
Cisco Unified Communications Manager Administration provides the clusterwide service parameter, Drop Ad Hoc Conference, to allow the prevention of toll fraud (where an internal conference controller disconnects from the conference while outside callers remain connected). The service parameter settings specify conditions under which an ad hoc conference gets dropped.

Question 12
Which three steps are needed to enable time-of-day call routing? (Choose three.)
A. Configure an access list.
B. Configure a time period.
C. Configure a time schedule.
D. Configure a route pattern.
E. Configure a partition.
F. Configure dial rules.
G. Configure a calling search space.
Correct Answer: BCG
Explanation/Reference:

Question 13
Which audio codec is selected if a call between two endpoints in Region 1 is placed?
Refer to the exhibit.
An engineer is troubleshooting a codec negotiation issue where both endpoints that are involved in the call support the codecs listed in the exhibit. Which audio codec is selected if a call between two endpoints in Region 1 is placed?

A. G722
B. G729
C. G711a
D. G711u

Correct Answer: A

Explanation/Reference:

Question 14
What is the correct order for configuring call routing in Cisco Unified Communications Manager?

What is the correct order for configuring call routing in Cisco Unified Communications Manager?

A. gateway and SIP trunk, route group, route pattern, route list
B. gateway and SIP trunk, route list, route group, route pattern
C. gateway and SIP trunk, route group, route list, route pattern
D. route list, gateway and SIP trunk, route group, route pattern

Correct Answer: A

Explanation/Reference:

Question 15
Which two parameters need to be edited?

Users that are subscribed to the default corporate directory are complaining that when they press the Directories button, they receive an error message regarding the URL. Which two parameters need to be edited? (Choose two.)

A. Verify that the corporate directory has the Enabled check box checked in the Enterprise Parameter > Phone URL Parameters page.
B. Reset the Enterprise Phone URL Parameters.
C. Reset the Service Parameter > Phone URL Parameters.
D. Change the URLs under Enterprise Parameters to match the DNS name or the IP address being used by the server being configured and reset the IP phones.
E. Verify that the corporate directory has the Enabled check box checked in the IP Phone Services > Configuration Service Information page.
F. Select the Service Parameter for the appropriate server and Cisco CallManager (active) and change the URLs for each service to match the DNS name or IP address of the server being configured.

Correct Answer: CE

Explanation/Reference:

Question 16
Which action fixes this issue without changing user extensions and allowing users to call each other across sites?

An organization with a centralized dial plan has user extensions as the last four digits of the external DID number. Some users at the head office have overlapping extensions with the users at the branch offices. Which action fixes this issue without changing user extensions and allowing users to call each other across sites?

A. Use site codes.
B. Use different CSSs for both sites.
C. Place both extensions in different partitions.
D. Change the number of digits in the internal extensions.

Correct Answer: B

Explanation/Reference:

Question 17
Which tool can you use to evaluate dial plans for errors and to examine internal-to-internal and internal-to-external calls?

Which tool can you use to evaluate dial plans for errors and to examine internal-to-internal and internal-to-external calls?

A. RTMT
B. DNA
C. QRT Viewer
D. CAR tool

Correct Answer: B

Explanation/Reference:

Question 18
Which two algorithms are valid to distribute calls in a route group?
Which two algorithms are valid to distribute calls in a route group? (Choose two.)
A. broadcast
B. circular
C. top-down
D. bottom-up
E. round-robin

Correct Answer: BC
Explanation/Reference:

Question 19
What is the correct configuration order of call routing to support off-net call routing?
What is the correct configuration order of call routing to support off-net call routing?
A. device, route group, route list, route pattern
B. route list, route group, route pattern, device
C. route pattern, route list, route group, device
D. device, route list, route group, route pattern

Correct Answer: C
Explanation/Reference:
Reference: https://books.google.com.pk/books?id=0DOXAwAAQBAJ&pg=PA109&lpg=PA109&dq=off-net+call+routing+route+pattern,+route+list,+route+group,+device&source=bl&ots=YmvtFVJaRb&sig=c3gbCT3X73BB1J1Shbm5n7d1bHbxl&hl=en&sa=X&ved=0ahUkez2calz2alzjAhXxJxdKHXn0BbMQ_AUoAE

Question 20
Which QoS model is bandwidth-dedicated to provide sufficient quality for applications that need high resolution, such as video terminals?
Which QoS model is bandwidth-dedicated to provide sufficient quality for applications that need high resolution, such as video terminals?
A. DiffServ
B. Best-Effort
C. DiffServ
D. IntServ

Correct Answer: A
Explanation/Reference:
Reference: https://books.google.com.pk/books?id=0DOXAwAAQBAJ&pg=PA41&lpg=PA41&dq=Traffic+policing+and+shaping+help+regulate+bandwidth+usage+by+limiting+the+amount+of+traffic&source=bl&ots=Ya9VJaRb&sig=cmZbCT3X73BB1J1Shbm5n7d1bHbxl&hl=en&sa=X&ved=0ahUkez2calz2alzjAhXxJxdKHXn0BbMQ_AUoAE

Question 22
Which additional dial peer is needed to allow the call to terminate directly to the internal number?
An engineer configures a router with an ISDN PRI connection that only contains two dial peers as follows:
dial-peer voice 10 pots
destination-pattern 9T
port 0/0/0:23
dial-peer voice 100 voip
destination-pattern 45..
session target ipv4:10.2.10.1
When an inbound call is placed from the PSTN to extension 4510, a dial tone is heard. Which additional dial peer is needed to allow the call to terminate directly to the internal number?
A. dial-peer voice 1 pots
   destination-pattern 9T
   answer-address
   direct-inward-dial
B. dial-peer voice 1 pots
   destination-pattern 45..
   direct-inward-dial
C. dial-peer voice 1 pots
   destination-pattern 45..
   incoming called-number.
   direct-inward-dial
D. dial-peer voice 1 pots
   destination-pattern 45..
   port 0/0/0:23
   direct-inward-dial

Correct Answer: B
Explanation/Reference:
Reference: https://books.google.com.pk/books?id=0DOXAwAAQBAJ&pg=PA109&lpg=PA109&dq=off-net+call+routing+route+pattern,+route+list,+route+group,+device&source=bl&ots=YmvtFVJaRb&sig=c3gbCT3X73BB1J1Shbm5n7d1bHbxl&hl=en&sa=X&ved=0ahUkez2calz2alzjAhXxJxdKHXn0BbMQ_AUoAE

Question 23
How does Cisco Unified Communications Manager analyze the incoming dialed digits?
When dialing off-hook from an SCCP phone, how does Cisco Unified Communications Manager analyze the incoming dialed digits?

A. SIP dial rules  
B. en bloc dialing  
C. digit-by-digit analysis  
D. KPML  
Correct Answer: C

Explanation/Reference:

Question 24  
What value is voice traffic marked as on a Cisco Catalyst Switch?  
By default, what value is voice traffic marked as on a Cisco Catalyst Switch?  
A. DSCP CAS6 value 21, Cos 3  
B. DSCP AF21 value 46, Cos 5  
C. DSCP EF value 46, Cos 7  
D. DSCP EF value 46, Cos 5  
Correct Answer: D

Explanation/Reference:

Question 25  
Which two statements describe the function of the off-net option in a route pattern?  
Which two statements describe the function of the off-net option in a route pattern? (Choose two.)  
A. The off-net option indicates that if a call is not routed through this route pattern, it is considered off the local network, or “off-net”.  
B. This option could be used to block an external call from transferring to an internal party.  
C. This option could be used to block an external call from transferring to an external party.  
D. The off-net option indicates that if a call is routed through this route pattern, it is considered off the local network, or “off-net.”  
Correct Answer: CD

Explanation/Reference:

Question 26  
In what two places can this feature be assigned to the Managers phone?  
Managers have asked to be able to have an extension call them back if it is busy when they try to call it. In what two places can this feature be assigned to the Managers phone? (Choose two.)  
A. Device Settings > Softkey Template  
B. Device Settings > Default Device Profile Configuration  
C. Device Settings > Phone Button Template  
D. Device Settings > Device Profile  
E. Device Settings > Device Defaults  
F. Device Settings > Firmware Load Information  
Correct Answer: BD

Explanation/Reference:

Question 27  
Which two configurations are required?  
You are a Voice Engineer working at ABC Company. You are asked to configure Cisco Unified Border Element in Cisco Unified Communications Manager. Which two configurations are required? (Choose two.)  
A. Configure a SIP profile with Early Offer support for voice and video calls; insert MTP as needed.  
B. Change the SIP trunk security profile to a nonsecure SIP trunk profile.  
C. Under the SIP information configuration, set the destination port to 5061.  
D. Bind the SIP signaling to the Cisco Unified Border Element interface.  
E. Configure dial peers on Cisco Unified Border Element for inbound and outbound calls appropriately.  
Correct Answer: AB

Explanation/Reference:

Question 28  
Which conference resource is Conference 2 using assuming the MRGL has just been reset and all 6 conferences have become active?  
Refer to the exhibit.  
Which conference resource is Conference 2 using assuming the MRGL has just been reset and all 6 conferences have become active?  
A. SW_CFB_3  
B. HW_CFB_2  
C. HW_CFB_1  
D. SW_CFB_2  
E. SW_CFB_1

Correct Answer: B
Explanation/Reference:

Question 29
Which pattern does the route pattern +61278[^3-5]59XXX match?
Which pattern does the route pattern +61278[^3-5]59XXX match?
A. +61278359001
B. +61278459001
C. 278259001
D. +61278259001
E. +612783559001

Correct Answer: B
Explanation/Reference:

Question 30
What is the default option for framing when you configure a T1 controller?
What is the default option for framing when you configure a T1 controller?
A. Super Frame
B. alternate mark inversion
C. Extended Super Frame
D. cyclic redundancy check 4
E. high-density bipolar 3
F. No-CRC4
G. binary 8-zero substitution
H. Australia

Correct Answer: AF

Question 31
What are the two best ways to accomplish this? You have two groups of managers that need to hold Meet-Me conferences. You want each group to have access to a range of 10 Meet-Me numbers.
What are the two best ways to accomplish this? (Choose two.)
A. Create two different partitions and add both groups of 10 Meet-Me conference numbers to the partitions.
B. Ensure that the 10 Meet-Me conference numbers overlap with existing ad hoc conferencing numbers.
C. Create two different groups of Meet-Me conference numbers, add them to the partition, and add the partition to the two manager groups to provide limited access.
D. Create a different partition for each group of managers and assign a set of 10 Meet-Me conference numbers to each.
E. Create two groups of 10 Meet-Me conference numbers that do not overlap with any other number in the numbering plan.

Correct Answer: CE
Explanation/Reference:

Question 32
Which option is the most highly recommended option to install Cisco TelePresence Conductor on the virtual machine? Refer to the exhibit.
Which option is the most highly recommended option to install Cisco TelePresence Conductor on the virtual machine?
A. Thick Provision Eager Zeroed
B. Thick Provision Lazy Zeroed
C. Thick Provision
D. Thin Provision

Correct Answer: B

Question 33
Which two actions does Cisco recommend to solve this issue? A customer is integrating two video solutions between regions using a Cisco Unified Border Element and finds that some of the RTP payloads are not compatible with the Cisco Unified Border Element configuration. Which two actions does Cisco recommend to solve this issue? (Choose two.)
A. Specify the video payload on the voice service.
B. Configure a transparent codec on the dial peers.
C. Configure RTP payload mapping on the dial peers.
D. Configure asymmetric payload on the voice service.
E. Set up a voice class for the video codec.

Correct Answer: AC
Explanation/Reference:
Question 34
What is the problem when 237 dials 972551915?
Refer to the exhibit.

```
dial-peer voice 204 pots
description LLAMADA_CELLULAR_SCZ_SALIENTE_SRST
destination-pattern 9[67].......$
port 0/1/0
forward-digits 7
```

What is the problem when 237 dials 972551915?
A. The problem is in “forward-digits 7”; the dial peer should be with “forward-digits 9.”
B. The problem is in “forward-digits 7”; the dial peer should be with “forward-digits 5.”
C. The problem is in “forward-digits 7”; the dial peer should be with “forward-digits 2.”
D. The problem is in “forward-digits 7”; the dial peer should be with “forward-digits 8.”

Correct Answer: A
Explanation/Reference:

Question 35
Which two pieces of information can be determined from this output?
Refer to the exhibit.

```
Voice-HUB#show isdn status
Global ISDN Switchtype - primary-dms100
ISDN Serial2/0/0:23 interface
dsl 0, interface ISDN Switchtype - primary-dms100
Layer 1 Status:
  ACTIVE
Layer 2 Status:
  TEI - 0, Ces - 1, SAPI - 0, State - MULTIPLE FRAME_ESTABLISHED
Layer 3 Status:
  0 Active Layer 3 Call(s)
Active dsl 0 CCBs - 0
The Free Channel Mask:0x807FFFFF
Number of L2 Discards - 0, L2 Session ID - 4
Total Allocated ISDN CCBs - 0
```

An engineer is trying to determine the status of the ISDN D Channel on a new PRI circuit, types in the show isdn status command, and sees this output. Which two pieces of information can be determined from this output? (Choose two.)
A. The provider is using the 5ESS protocol.
B. There are four 7 channels.
C. The connection to the Cisco Unified Communications Manager has been established.
D. The D channel is working correctly.
E. No active calls are established.

Correct Answer: CD
Explanation/Reference:

Question 36
Which dial plan type should the engineer recommend?
An engineer is designing a new dial plan for a customer that has offices in several countries on four continents around the world. This client also wants to integrate with a Microsoft Lync backend. Which dial plan type should the engineer recommend?
A. SIP URI
B. TEHO
C. E.164
D. H.323

Correct Answer: C
Explanation/Reference:

Question 37
Which command verifies the digits that are received by voiceport?
A voice engineer is troubleshooting an issue that involves incoming calls to POTS lines. Which command verifies the digits that are received by voiceport?
A. debug vsep dial-per
B. debug vsep session
C. debug vsep dsp
D. debug call treatment
E. debug voice protocol

Correct Answer: C
Explanation/Reference:
Which three options can belong to specific partitions?
Which three options can belong to specific partitions? (Choose three.)
A. voice-mail servers
B. directory numbers
C. translation patterns
D. gateways
E. IP phones
F. route patterns

Correct Answer: AD
Explanation/Reference:

Question 39
What function does the device pool perform?
A. It separates user and physical location information.
B. It sets the default device parameters for all IP phones in the cluster.
C. It sets the location bandwidth used between different locations.
D. It provides a single point of configuration for every device in a Cisco Unified Communications Manager cluster.

Correct Answer: A
Explanation/Reference:

Question 40
Which dial-peer configuration command resolves this issue?
Callers inform you that they hear a second dial tone after dialing the number 4085550123. Which dial-peer configuration command resolves this issue?
A. answer-address 408555
B. destination-pattern 91[2-9],[2-9],....
C. forward-digits all
D. direct-inward-dial

Correct Answer: B
Explanation/Reference:

Question 41
Which two options can a route pattern be assigned?
Which two options can a route pattern be assigned? (Choose two.)
A. a gateway that is not assigned to a route group
B. a gateway that is assigned to a route group
C. a route list with no route groups configured
D. a route list with one or more route groups configured

Correct Answer: BD
Explanation/Reference:

Question 42
Which two types of encoding are available to configure a T1 controller for CAS?
Which two types of encoding are available to configure a T1 controller for CAS? (Choose two.)
A. B8SF
B. AMI
C. B8ZS
D. SF
E. AME
F. ESF

Correct Answer: CF
Explanation/Reference:
Reference: https://books.google.com.pk/books?id=j_0bNBMIpowEC&pg=PA192&dq=types+of+encoding+are+available+to+configure+a+T1+controller+for+CAS&hl=en&sa=X&ved=0ahUKEwjJ_Zmv7NhXAhXEPY8KHJbCoAQ6AEPzAF#v=onepage&q=types%20of%20encoding%20are%20available%20to%20configure%20a%20T1%20controller%20for%20CAS&f=false
Question 44
What is the reason for this issue?
A phone is assigned to a partition that is included in the CSS HQ-Phone. This partition contains a route pattern to block calls to service numbers 1-400- xxx-xxxx.
When the engineer makes a test call to the number 1-400-400-9000 from that phone, the call goes through. What is the reason for this issue?
A. The route pattern for the number to be blocked is in partition not accessible to the CSS.
B. The correct route list is not selected in the route pattern for the dialed number to be blocked.
C. The correct gateway is not selected for the route list for the dialed number to be blocked.
D. The route pattern for the number to be blocked is in “NULL” partition.
E. The route pattern is misconfigured.

Correct Answer: C
Explanation/Reference:

Question 45
Which tool can you use to verify and troubleshoot a dial plan?
A. Audit Log Configuration
B. Dialed Number Analyzer
C. CDR Analysis and Reporting
D. Troubleshooting Trace Settings

Correct Answer: B
Explanation/Reference:

Question 46
Which action sends calls that were made to 0 to the operator?
The Cisco IP Phone of your company operator is on extension 7000. However, users normally dial 0 to get the operator. Which action sends calls that were made to 0 to the operator?
A. Create a route pattern of 0 and use a called party transform mask of 7XXX.
B. Create a translation pattern for 7000 and a called party transform mask of 0.
C. Create a translation pattern for 0 and a called party transform mask of 7000.
D. Create the IP phone overlay feature so the operator's line has 0 and 7000 assigned to it.
E. Create a translation pattern for 0 and a calling party transform mask of 7000.

Correct Answer: C
Explanation/Reference:

Question 47
Which feature in the MCU enables this functionality?
A customer recently installed a Cisco TelePresence MCU 5320. The customer wants a virtual meeting room that restricts participants from communicating before the customer joins the call. Which feature in the MCU enables this functionality?
A. numeric ID
B. floor and chair control
C. owner
D. PIN codes

Correct Answer: D
Explanation/Reference:

Question 48
What are the characteristics of a Cisco Unified Communications Manager group?
A call-processing server can be assigned to a single Cisco Unified Communications Manager group.
B. A Cisco Unified Communications Manager group is a prioritized list of (one or more) call-processing and application servers.
C. Each device has to have a Cisco Unified Communications Manager group assigned, which will determine the primary and backup servers to which it can register.
D. A single Cisco Unified Communications Manager group can exist in a single cluster.

Correct Answer: B
Explanation/Reference:

Question 49
Which three options can be used to configure digit manipulation for dial peers? (Choose three.)
A. digit translation rules
B. called party transformations
C. route partitions
D. forward digits
E. route patterns
F. digit stripping and prefixes
G. calling party transformations

Correct Answer: ADF
Explanation/Reference:

Question 50
Which route pattern is used to route the call if a user dials the toll-free number 1-866-555-1212?
Employees at a company must dial 9 first to reach an external number. Which route pattern is used to route the call if a user dials the toll-free number 1-866-555-1212?
A. 9.18XX[2-9]XXXXXX
B. 9.18[0,5-8][0,5-8]XXXXXXX
C. 9.1XXXXXXXXXXX
D. 9.1866XXXXXXX
F. 9.1[2-9][XX][2-9]XXXXXXX
Correct Answer: E
Explanation/Reference:

Question 51
Which two components must an engineer configure before configuring SIP route pattern?
Which two components must an engineer configure before configuring SIP route pattern? (Choose two.)
A. route filter
B. SIP trunk
C. route partition
D. calling search space
E. SIP profile
Correct Answer: BE
Explanation/Reference:

Question 52
Which Cisco IOS command do you use from the router or voice gateway?
To verify that proper digit manipulation is being applied when using called party transformation patterns, which Cisco IOS command do you use from the router or voice gateway?
A. show voice ccapi inout
B. debug voice ccapi in
C. show voice ccapi
D. show voice ccapi in
E. debug voice ccapi inout
F. debug voice ccapi out
G. show voice ccapi out
Correct Answer: E
Explanation/Reference:

Question 53
Which two statements explain the issue and resolve the problem?
Refer to the exhibit.
A Network Administrator needs to create a SIP route pattern to communicate with Monterey’s Gateway. The Administrator does not understand why this is not working properly. Which two statements explain the issue and resolve the problem? (Choose two.)

A. The Administrator needs to set up a SIP trunk between Monterey’s Gateway and Cisco Unified Communications Manager.
B. The Administrator should type the reload command into Monterey’s Gateway.
C. The issue is caused by a failure of communication between the Monterey’s Gateway and Cisco Unified Communications Manager.
D. The issue is caused by incorrect protocol integration between Monterey’s Gateway and Cisco Unified Communications Manager.

Correct Answer: AD
Explanation/Reference:

Question 54
Which hardware component is needed to conduct these calls?
An organization has built their video infrastructure to perform ad hoc video calls, but they also need to conduct managed video conference calls. Which hardware component is needed to conduct these calls?
A. VCS-E
B. IOS gateway
C. MCU
D. TelePresence server

Correct Answer: A
Explanation/Reference:

Question 55
Which two are enterprise parameters?
Which two are enterprise parameters? (Choose two.)
A. User search limit
B. T302 parameter
C. Enable Call Detail Records
D. Enable Dependency Records
E. codecs parameters for voice/media-streaming applications

Correct Answer: AD
Explanation/Reference:

Question 56
Which statement about translation patterns and transformation patterns is true?
Which statement about translation patterns and transformation patterns is true?
A. Both transformation patterns and translation patterns support only numeric values.
B. Translation patterns support numeric and alphanumeric values, whereas transformation patterns support only numeric values.
C. Transformation patterns support numeric and alphanumeric values, whereas translation patterns support only numeric values.
D. Both transformation patterns and translation patterns support numeric and alphanumeric values.

Correct Answer: D
Explanation/Reference:

Question 57
Which DSCP values are expected for interactive voice and video?
An engineer is setting up a system with voice and video endpoints using auto-QoS policy on the switches. Which DSCP values are expected for interactive voice and video?
A. EF and AF-41
B. EF and CS6
C. EF and CS3
D. EF and AF21

Correct Answer: C
Explanation/Reference:
Correct Answer: C
Explanation/Reference:

Question 58
Which codec provides native WebRTC-based video chat support in browsers such as Mozilla Firefox?
A. H.265
B. WMV
C. H.264
D. G.711
E. H.323
Correct Answer: C
Explanation/Reference:

Question 59
What is the maximum number of 1080p30 HD Conference Participants if an MSE 8000 has four MSE8710 blades clustered?
A. 48
B. 180
C. 720
D. 800
Correct Answer: A
Explanation/Reference:

Question 60
Which of the following simplifies and enhances conference resource management?
A. Cisco TelePresence Server
B. Cisco TelePresence MCU
C. Cisco TelePresence MSE 8000
D. Cisco IOS routers with packet voice/data module (PVDM)
E. Cisco TelePresence Conductor
Correct Answer: C
Explanation/Reference:

Question 61
Which two of the following DSPs can be used in heterogenous conferencing to achieve the required trans-sizing and transcoding functionality? (Choose two.)
A. PVDM3-256
B. PVDM2-256
C. PVDM-192
D. PVDM3-32
E. PVDM3-192
F. PVDM2-128
Correct Answer: AE
Explanation/Reference:

Question 62
Which type of IOS Conference bridge requires all users to use the same video format in order to participate in a video conference?
A. Ad Hoc Conferencing
B. Homogenous Conferencing
C. Heterogenous Conferencing
D. Guaranteed Audio Video Conferencing
E. Meet-Me Conferencing
Correct Answer: B
Explanation/Reference:
Explanation :- A homogenous conference refers to one in which participants connect to the ISR G2 with devices that support the same video format attributes (for example, the same codec, resolution, frame rate, and bit rate).

Question 63
Which dial peer is used to route the call?
Refer to Exhibit:
If the user at extension 1001 dials the user at extension 2002, which dial peer is used to route the call?

A. 3  
B. 2  
C. 4  
D. 1

Correct Answer: A
Explanation/Reference:

Question 64
Which dial peer is used to route the call?
Refer to Exhibit:

If the user at extension 1001 dials the user at extension 2111, which dial peer is used to route the call?

A. 3  
B. 2  
C. 4  
D. 1

Correct Answer: D
Explanation/Reference:

Question 65
Which dial peer is used to route the call?
Refer to Exhibit:
If the user at extension 1001 dials the user at extension 2001, which dial peer is used to route the call?

A. 3
B. 2
C. 4
D. 1

Correct Answer: C
Explanation/Reference:

Question 66
Which dial peer is used to route the call?
Refer to Exhibit:

If the user at extension 1001 dials the user at extension 2011, which dial peer is used to route the call?

A. 3
B. 2
C. 4
D. 1

Correct Answer: B
Explanation/Reference:

Question 67
What is the correct path selection for a call that is routed through a Cisco Unified Communications Manager system?

A. Devices -> Route Group -> Route List -> Route Pattern
B. Route List -> Route Pattern -> Route Group -> Devices
C. Route Pattern -> Route List -> Route Group -> Devices
D. Route Group -> Devices -> Route Pattern -> Route List

Correct Answer: C
Explanation/Reference:

Question 68
Which of these codecs is the mandatory codec? Every VoIP endpoint must select one specific codec. Which of these codecs is the mandatory codec?

A. G.729
B. G.728
C. G.722
D. G.711
E. H.264

Correct Answer: D
Explanation/Reference:

Question 69
Which of the following is specific to SIP? When comparing SIP H.323 and MGCP, which of the following is specific to SIP?

A. The dial plan is directly on the gateway.
B. SIP provides support for third-party entities.
C. SIP defines Translation per the gateway.
D. SIP has a centralized dial plan.

Correct Answer: B
Explanation/Reference:

Question 70
What are two characteristics of a Cisco Unified Communications Manager Express dial plan?

A. partitions and calling search spaces
B. COR
C. dial peers
D. voice translation rules
E. route patterns

Correct Answer: BC
Explanation/Reference:

Question 71
What are two characteristics of a Cisco Unified Communications Manager dial plan?

A. partitions and calling search spaces
B. COR
C. dial peers
D. voice translation rules
E. route patterns

Correct Answer: AE
Explanation/Reference:

Question 72
What are two characteristics that are associated with the End User and User account types?

A. They cannot use LDAP.
B. They are used to authorize applications.
C. They can utilize LDAP.
D. The Application is associated with the End User and User account types.
E. They can be listed in a directory.

Correct Answer: CD
Explanation/Reference:

Question 73
What are two characteristics of a Cisco Unified Communications Manager Enterprise parameter?

A. It is used to configure settings for specific services.
B. It is used to define end-user authentication settings.
C. It sets initial values of device-defaults.
D. It is used to configure settings for different services.
E. It is used to define clusterwide settings.

Correct Answer: CE
Explanation/Reference:
Question 74
Which two of these are required in order for Cisco Unified Communications Manager to support software conferencing?
Which two of these are required in order for Cisco Unified Communications Manager to support software conferencing? (Choose two.)
A. The Cisco IP Voice Media Streaming Application needs to be activated on the server running the conferencing service in the cluster.
B. The service parameter for the Cisco IP Voice Media Streaming Application needs to have Run Flag set to True.
C. The software conference bridge resource needs to be configured in Cisco Unified Communications Manager.
D. The Cisco IP Voice Media Streaming Application needs to be activated for all servers in the cluster.
E. Under the Cisco IP Voice Media Streaming Application parameters, the conference bridge needs to have Run Flag set to True.
Correct Answer: AE
Explanation/Reference:

Question 75
Which groups will have access to the Meet-Me conference numbers that are set to use the partition?
Which groups will have access to the Meet-Me conference numbers that are set to use the partition?
A. Only users that have the partition assigned in their calling search space will have access to the Meet-Me conference numbers.
B. All users will have access to the Meet-Me conference numbers.
C. The partition will prevent all users from accessing the Meet-Me conference numbers.
D. Any IP phones with their lines configured in the partition will have access to the Meet-Me conference numbers.
Correct Answer: B
Explanation/Reference:

Question 76
Which three Cisco Unified Communications Manager settings can be used to support IP phone services?
Which three Cisco Unified Communications Manager settings can be used to support IP phone services? (Choose three.)
A. Device Defaults
B. Enterprise Parameters
C. IP Phone Service Configuration window
D. Common Phone Profile
E. Service Parameters
F. Phone Configuration window
Correct Answer: BDF
Explanation/Reference:

Question 77
Which two of these describe where phone services can appear on an IP phone and who can subscribe to phone services?
Which two of these describe where phone services can appear on an IP phone and who can subscribe to phone services? (Choose two.)
A. end user
B. administrator
C. end user and administrator
D. Services button
E. Services and Directories buttons
F. Services, Directories, and Messages buttons
Correct Answer: CF
Explanation/Reference:

Question 78
Which two codecs are supported by the Cisco Unified Communications Manager software conferencing media resource?
Which two codecs are supported by the Cisco Unified Communications Manager software conferencing media resource? (Choose two.)
A. G.723
B. G.729
C. wideband
D. GSM
E. G.711
Correct Answer: CE
Explanation/Reference:

Question 79
Which discard digits instruction removes all digits prior to the North American Numbering Plan portion of the route pattern?
Which discard digits instruction removes all digits prior to the North American Numbering Plan portion of the route pattern?
A. PreDot
B. PreAt
C. Pre
D. PreNANP
Correct Answer: B
Explanation/Reference:

Question 80
Which discard digits instruction removes the access code from a number before passing the number onto an adjacent system?
Which discard digits instruction removes the access code from a number before passing the number onto an adjacent system?
A. PreDot
B. PreAt
C. NoDigits
D. Trailing-#
Question 81
Which statement about the relationship between gateways and route groups is true?
A. Each gateway can belong to only one route group and can be listed only once within that route group.
B. Each gateway can belong to only one route group and can be listed multiple times within that route group.
C. Each gateway can belong to multiple route groups and can be listed only once within each route group.
D. Each gateway can belong to multiple route groups and can be listed multiple times within each route group.
Correct Answer: C

Question 82
Which two options are resources in a route list that route calls that match a defined route pattern? (Choose two.)
A. gateways
B. route groups
C. virtual machine servers
D. IP phones
Correct Answer: AB

Question 83
If the route patterns 5XXX, 51XX, 513X and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5324?
A. 5XXX
B. 51XX
C. 513X
D. 5134
Correct Answer: A

Question 84
If the route patterns 5XXX, 51XX, 513X, and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5124?
A. 5XXX
B. 51XX
C. 513X
D. 5134
Correct Answer: B

Question 85
To reach an external number, a user first dials a 9. Which route pattern will be matched if a user dials the toll-free number 18005550123?
A. 911
B. 9.[2-9]XXXXXX
D. 9.18[0,6-8][0,6-8]XXXXXXX
E. 9.1900XXXXXXX
F. 9011!
Correct Answer: D

Question 86
If no SIP dial rules are configured on an IP phone, at which three points in the collection of digits does a Type A SIP phone send digits to the Cisco Unified Communications Manager? (Choose three.)
A. when the interdigit timer expires
B. when the collected digits match a SIP dial rule
C. when the user presses the Dial softkey
D. as each digit is collected (it is sent for analysis)
E. when the user presses the # key
Correct Answer: ADE
Question 87
Where is a Local Route Group configuration applied?
A. In each IP phone
B. In each device pool
C. In each location
D. In each region
E. In each route list
Correct Answer: B

Question 88
Which Cisco Unified Communications Manager menu path is used to access the softkey template configuration window?
A. Device > Device Settings > Softkey Templates
B. Device Settings > Softkey Templates
C. IP Phone > Template > Softkey
D. Device > IP Phone > Template > Softkey
Correct Answer: A

Question 89
Which of these determines the Cisco Unified Communications Manager server to which an IP phone registers?
A. The Cisco Unified Communications Manager group is configured with a Device Pool that designates the primary, secondary, and tertiary servers in the group.
B. Each IP phone is configured with a Device Pool containing the Cisco Unified Communications Manager group that determines which server the IP phone will use as its primary, secondary, and tertiary server.
C. Each IP phone is configured with its primary, secondary, and tertiary server.
D. The Cisco Unified Communications Manager group is configured in the publisher to designate the IP phone groups that will register with the primary, secondary, and tertiary servers in the group.
Correct Answer: B

Question 90
What should you do?
You need to delete an auto-registration Cisco Unified Communications Manager group for a cluster. What should you do?
A. Remove the Cisco Unified CallManager group devices.
B. Disable auto-registration settings in the Cisco Unified CallManager group.
C. Assign a different call group as the auto-registration Cisco Unified CallManager group.
D. Delete the auto-registration Cisco Unified CallManager group without performing any action.
Correct Answer: C

Question 91
Which three characteristics of a video stream require the implementation of QoS? (Choose three.)
A. variable packet rate
B. constant bandwidth
C. small packets
D. high MTU
E. high packet rate
Correct Answer: ABE

Question 92
Which mechanism is often configured on the edges of a network to control the maximum rate of traffic that is sent or received on an interface and to classify the traffic into priority levels or class of service?
A. routing
B. shaping
C. policing
D. access control
E. traffic regulation
Correct Answer: C

Question 93
On what equipment do you configure Layer 2 to Layer 3 QoS mapping?
A. switch
Question 94
Which three descriptions are true? (Choose three.)
A. The class of service is a parameter that is used for traffic classification and marking at Layer 2.
B. The IP precedence is a parameter that is used for traffic classification and marking at Layer 2.
C. The differentiated services code point is a parameter that is used for traffic classification and marking at Layer 2.
D. The class of service is a parameter that is used for traffic classification and marking at Layer 3.
E. The IP precedence is a parameter that is used for traffic classification and marking at Layer 3.
F. The differentiated services code point is a parameter that is used for traffic classification and marking at Layer 3.
Correct Answer: AEF
Explanation/Reference:

Question 95
Which DiffServ PHB classification is recommended by Cisco for interactive video traffic?
A. AF31
B. CS3
C. EF
D. AF41
E. CS4
Correct Answer: D
Explanation/Reference:

Question 96
Which four modes are available on the Cisco TelePresence MCU MSE 8510 to connect to a gatekeeper? (Choose four.)
A. direct mode
B. H.225-routed mode
C. H.265-routed mode
D. H.245-routed mode
E. full proxy mode
F. partial proxy mode
Correct Answer: ABDE
Explanation/Reference:

Question 97
Which of these methods can be used to implement toll-fraud prevention?
A. drop conferences when only two attendees remain
B. block on-net to on-net calls
C. deploy conferencing resources to only those employees that require the service
D. drop conferences when no on-net party remains
Correct Answer: D
Explanation/Reference:

Question 98
Which three steps must you take on Cisco Unified Communications Manager to configure Cisco TelePresence Conductor for ad hoc and rendezvous conferences? (Choose three.)
A. Verify the location configuration.
B. Verify the certificate trusts.
C. Configure one ICT trunk to TelePresence Conductor.
D. Configure one SIP trunk to TelePresence Conductor.
E. Configure two ICT trunks to TelePresence Conductor.
F. Configure two SIP trunks to TelePresence Conductor.
Correct Answer: ABF
Explanation/Reference:

Question 99
Which parameter is required on MCU for ad hoc conferencing?
A. Media Port reservation
B. incoming calls to unknown conferences or auto-attendants
C. DSP reservation for video
D. MCU type
E. MCU Conference Bridge SIP Port
Correct Answer: A
Explanation/Reference:
Question 100
Which command is used to enter the DSP farm profile configuration mode?
Which command is used to enter the DSP farm profile configuration mode?
A. dspfarm-profile 100 transcode
B. dspfarmprofile 100 transcode
C. dspfarm profile 100 transcode
D. dspfarm 100 profile transcode

Correct Answer: C
Explanation/Reference:

Question 101
Which two configuration items are necessary to configure Cisco Unified Border Element for video?
Which two configuration items are necessary to configure Cisco Unified Border Element for video? (Choose two.)
A. voice class codec
B. voice translation-rule
C. voice service voip
D. dial-peer

Correct Answer: CD
Explanation/Reference:

Question 102
Which three are functions of Cisco Unified Border Element?
Which three are functions of Cisco Unified Border Element? (Choose three.)
A. client registration
B. H.323 and SIP interworking
C. Lync interworking
D. transcoding
E. phone proxy
F. mobile and remote access

Correct Answer: BDE
Explanation/Reference:

Question 103
Which three CLI commands allow you to verify the correct VoIP dial-peer matching?
Which three CLI commands allow you to verify the correct VoIP dial-peer matching? (Choose three.)
A. debug ccsip messages
B. debug voip ccapi inout
C. debug dialpeer match
D. debug voip dialpeer inout
E. show dialplan number

Correct Answer: BDE
Explanation/Reference:

Question 104
How do you configure calling privileges on Cisco Unified Communications Manager Express?
How do you configure calling privileges on Cisco Unified Communications Manager Express?
A. corlist
B. translation profile
C. zones
D. access list
E. search rules

Correct Answer: A
Explanation/Reference:

Question 105
Which four commands are required to configure the translation profile?
You are a Voice Engineer at ABC Company. You want to implement a voice translation profile to perform the following manipulation: The incoming DNIS 9876562XXX should be modified to 2XXX. Which four commands are required to configure the translation profile? (Choose four.)
A. voice translation-rule 1
B. rule 1 /^9876562/ /2/
C. voice translation-profile incoming-calls
D. translate called 1
E. rule 1 /^9876562$/ /2/ type subscriber
F. translate-profile incoming incoming-calls
G. translate calling 1
H. translate called rule 1

Correct Answer: ABCD
Explanation/Reference:

Question 106
Which command do you need to add to dial peer to solve this issue?
Refer to the exhibit and configuration output.
A user in New York (5001) is trying to call a user in London (6001), but the call cannot be completed. Assuming that the WAN uplink is failing and the voice traffic has to go out toward the PSTN, which command do you need to add to dial peer to solve this issue?

dial-peer voice 3 pots
destination-pattern 6…
preference 1
port 0/0/0:23
dtmf-relay sip-notify
A. num-exp 512602 6001
B. prefix 757385
C. forward-digits 2
D. forward-digits 4
E. prefix 5126

Correct Answer: B

Explanation/Reference:

Question 107
Which three statements about the default VoIP dial peer are true?
Which three statements about the default VoIP dial peer are true? (Choose three.)
A. VAD is disabled.
B. RSVP is not supported.
C. Only the G.711 codec is supported.
D. The G.729 and G.711 codecs are supported.
E. Fax-rate service is supported.
F. DTMF relay is supported.

Correct Answer: BDE

Explanation/Reference:

Question 108
Which Cisco Unified Communications Manager is used for incoming calls through an MGCP gateway?
Refer to the exhibit.

A Cisco Unified Communications Manager group is configured with the subscriber (10.1.5.3) listed first and the publisher (10.1.5.2) listed second. Which Cisco Unified Communications Manager is used for incoming calls through an MGCP gateway?
A. the publisher
B. both the publisher and subscriber in a round-robin format
C. the first server listed in the Cisco Unified Communications Manager group list
D. the subscriber

Correct Answer: A

Explanation/Reference:

Question 109
Which configuration output indicates a properly configured T1 digital voice interface?

A. controller T1 0/0/0
framing esf

A Cisco Unified Communications Manager group is configured with the subscriber (10.1.5.3) listed first and the publisher (10.1.5.2) listed second. Which Cisco Unified Communications Manager group is used for incoming calls through an MGCP gateway?
A. the publisher
B. both the publisher and subscriber in a round-robin format
C. the first server listed in the Cisco Unified Communications Manager group list
D. the subscriber

Correct Answer: A

Explanation/Reference:
linecode b8zs
pri-group timeslots 1-24
!
B. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
!
C. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
pri-group timeslots 1-24
isdn switch-type primary-ni
!
D. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
!
dial-peer voice 1 pots
destination-pattern 54....
direction-inward,dial
port 0/0:0.23

Correct Answer: C
Explanation/Reference:

Question 110
Which two codecs are required for Cisco WebEx Enabled TelePresence?
Which two codecs are required for Cisco WebEx Enabled TelePresence? (Choose two.)
A. G.711 codec for audio
B. H.264 codec for video
C. G.729 codec for audio
D. G.711 or G.729 codec for audio
E. H.263 codec for video
F. H.264 or H.263 codec for video

Correct Answer: AB
Explanation/Reference:

Question 111
Which two codecs are the best codecs to use in WAN and LAN?
Which two codecs are the best codecs to use in WAN and LAN? (Choose two.)
A. WAN codec G.711
B. LAN codec G.729
C. WAN codec G.729
D. LAN codec G.711

Correct Answer: CD
Explanation/Reference:

Question 112
Which three commands show the output of an active video call?
Which three commands show the output of an active video call? (Choose three.)
A. show vrm active calls
B. show call active video brief
C. show voip rtp connections
D. show voice call
E. show voice call summary
F. show video csp

Correct Answer: BCE
Explanation/Reference:

Question 113
Which party has a SIP B2BUA role in the call?
Refer to the exhibit.
Which party has a SIP B2BUA role in the call?
A. 172.17.4.100
B. 10.100.4.65 and 172.17.4.100
C. 10.100.4.65
D. None of the parties has a B2BUA role in the call.
E. 10.100.4.68 and 10.100.4.65

Correct Answer: C
Explanation/Reference:

Question 114
What are the two main ways from New York to call Extension 6001 in England? Refer to the exhibit and configuration output.

A. The first way is WAN.
B. The first way is PSTN.
C. The second way is WAN.
D. The second way is PSTN.

Correct Answer: AD
Explanation/Reference:

Question 115
Where do you configure a SIP route pattern?
A. Call Routing > Route/Hunt > SIP Route Pattern
B. System > SIP Route Pattern
C. Call Routing > SIP Route Pattern
D. Advanced Features > SIP Route Pattern

Correct Answer: C
Question 116
Which change do you need to make for this call to be successful?
Refer to the exhibit.

Correct Answer: E

Explanation/Reference:

Question 117
Which route pattern will be matched if a user dials the toll-free number 18005550123?
Refer to the exhibit.

Correct Answer: B

Explanation/Reference:
Correct Answer: D
Explanation/Reference:

**Question 118**
Which two Cisco products allow the use of a dial plan with E.164, H.323, SIP, and DNS?
Which two Cisco products allow the use of a dial plan with E.164, H.323, SIP, and DNS? (Choose two.)
A. Cisco Expressway  
B. Cisco Unified Communications Manager  
C. Cisco Unified Border Element  
D. Cisco IM and Presence  
E. Cisco TelePresence Video Communication Server

Correct Answer: AE
Explanation/Reference:

**Question 119**
Which three options are valid SIP URI formats?
Which three options are valid SIP URI formats? (Choose three.)
A. [email protected]  
B. tel:[email protected]  
C. phone:[email protected]  
D. sip:[email protected]:5060;user=phone  
E. sip:bob.cisco.com

Correct Answer: ABD
Explanation/Reference:

**Question 120**
Which action sends the call immediately?
Refer to the exhibit.

When users call number 00044156789453, they have to wait for several seconds before the call is sent. Which action sends the call immediately?
A. In the translation pattern, change the CSS.  
B. In the route pattern, check the Allow Device Override check box.  
C. In the route pattern, check the Urgent Priority check box.  
D. In the translation pattern, check the Route Next Hop By Calling Party Number check box.

Correct Answer: C
Explanation/Reference:

**Question 121**
Which four call coverage features are used by voice gateways?
Which four call coverage features are used by voice gateways? (Choose four.)
A. call hunt  
B. Call Park  
C. Call Pickup  
D. call redirecting  
E. overlaid phone-dn
F. basic automatic call distribution  
G. overlaid ephone-dn  
H. basic manual call distribution  

Correct Answer: ACFG  
Explanation/Reference:

Question 122  
Which two statements about Cisco VCS Addressing Zones are true?  
Which two statements about Cisco VCS Addressing Zones are true? (Choose two.)  
A. They can be local to the Cisco VCS or can be remote.  
B. A zone is a collection of endpoints that share the same dialing behavior and bandwidth settings.  
C. They consist of traversal and non traversal zones.  
D. They can only be local.  
E. They consist of subzones such as DNS zones.  

Correct Answer: AB  
Explanation/Reference:

Question 123  
What are two characteristics of a partition?  
What are two characteristics of a partition? (Choose two.)  
A. Assigned to sources of call routing requests  
B. Any group of numbers with the same reachability  
C. Used in conjunction with calling search spaces to track calls to certain numbers  
D. Used in conjunction with calling search spaces to restrict outgoing calls to certain numbers  
E. Contains calling search spaces  

Correct Answer: BD  
Explanation/Reference:

Question 124  
Which CSS will be used if the phone user dials a local number?  
The CSS on a line includes the partitions 911, internal and local. The CSS on the device includes the partitions 911, internal, local and long distance.  
Which CSS will be used if the phone user dials a local number?  
A. The device CSS will be used since the device CSS is always used first on an IP phone.  
B. Since the dialed digits are a match to a partition is in both Calling Search Spaces the call will use both matched partitions in both Calling Search Spaces in a round-robin format.  
C. If there is both a line and device CSS the line device will only be used.  
D. The line and device CSSs will be combined and the device CSS will take precedence.  
E. The line and device CSSs will be combined and the line CSS will take precedence.  

Correct Answer: E  
Explanation/Reference:

Question 125  
What should you use?  
You are performing route pattern configuration. You need to ensure that internal extensions are automatically expanded to full external phone numbers for calling line information on outgoing calls. What should you use?  
A. calling extension expansion  
B. called number expansion  
C. external number mask of the called party  
D. external phone number mask of the calling party  

Correct Answer: D  
Explanation/Reference:

Question 126  
What component is ultimately used to route the digits to the local gateway?  
When local route groups are used and a user dials 918005551212, what component is ultimately used to route the digits to the local gateway?  
A. The route list applied to the route pattern  
B. The device pool of the calling device  
C. The translation pattern  
D. The gateway or route list associated with the +!. route pattern  

Correct Answer: B  
Explanation/Reference:

Question 127  
Which configuration option can be used to set whether an incoming call is considered off the network (OffNet) or on the network (OnNet)?  
When configuring an H.323 gateway, which configuration option can be used to set whether an incoming call is considered off the network (OffNet) or on the network (OnNet)?  
A. call classification  
B. call location  
C. device pool  
D. signaling port  

Correct Answer: A  
Explanation/Reference:
What determines the partitions where calling devices search?
When a call is attempted during a particular time of day, what determines the partitions where calling devices search?
A. time schedules
B. calling periods
C. dial schedules
D. time periods
Correct Answer: A
Explanation/Reference:

Question 129
Which route pattern wildcard character is used to terminate the interdigit timeout?
Which route pattern wildcard character is used to terminate the interdigit timeout?
A. $  
B. !  
C. #  
D. .  
Correct Answer: C
Explanation/Reference: