Question 1

What are three functions of the RE? (Choose three.)
A. to maintain the forwarding tables
B. to enforce stateless firewall filters
C. to manage the PFE
D. to monitor the chassis
E. to implement policing

Answer: ACD

Question 2

What are two functions of the PFE? (Choose two.)

A. to maintain the forwarding tables
B. to apply the class of service function
C. to forward transit traffic
D. to monitor the chassis

Answer: B C

Question 3

Which three statements are true about the PFE? (Choose three.)

A. The PFE uses Layer 2 and Layer 3 forwarding tables to forward traffic toward its destination.
B. The PFE handles all processes that control the chassis components.
C. The PFE is responsible for performing protocol updates and system management.
D. The PFE implements various services such as policing, stateless firewall filtering, and class of service.
E. The PFE is the central processing component of the forwarding plane.

Answer: A D E

Question 4

Which statement is true about exception traffic?

A. Exception traffic is automatically logged in /var/log/messages.
B. Exception traffic requires a firewall filter before it can be acted upon.
C. Exception traffic requires some form of special handling.
D. Exception traffic passes through the local device.

Answer: C

Question 5

Which two features are implemented on the Packet Forwarding Engine? (Choose two.)
A. Chassis Management
B. Firewall Filters
C. Class of Service
D. Routing Protocol Update

Answer: BC

Question 6

What are two examples of transit traffic? (Choose two.)

A. SCP traffic that is destined for the router's loopback interface.
B. SCP traffic that enters one interface and exits another interface on the local router.
C. SFTP traffic that enters one interface and is destined for another interface on the local router.
D. SFTP traffic that enters and exits the same interface on the local router.

Answer: B D

Question 7

What is a function of the PFE?

A. to generate forwarding tables
B. to apply stateless firewall filters
C. to generate protocol control traffic
D. to monitor chassis components

Answer: B

Question 8

What is an "X" release of the Junos OS?
A. a standard feature release
B. a special feature release
C. a feature velocity release
D. a feature beta release

Answer: B

Question 9

When considering the Junos 14.2R3.2 release, what is the correct order for each designator?

A. [year of release] . [main release number] [version] [minor release number] . [spin number]
B. [main release number] . [minor release number] [software release] [build number] . [spin number]
C. [year of release] . [minor release number] [software release] [build number] . [spin number]
D. [main release number] . [build number] [software release] [minor release number] . [spin number]

Answer: B

Question 10

What are two benefits realized by the disaggregated Junos OS? (Choose two.)

A. The platform drivers and forwarding engine are removed from the control plane to increase performance.
B. The Junos VM becomes hardware-independent and can be deployed on any hypervisor without modification.
C. The architecture facilitates programmability through provisioning the control plane, the data path, and the platform APIs.
D. There is increased flexibility to use different control plane versions.

Answer: B C

Question 11

A packet enters a Junos device. No matching destination entry exists in the forwarding table. How will the device respond?

A. The PFE responds to the source with a destination unreachable notification message.
B. The PFE responds to the destination with a source unreachable notification message.
C. The RE responds to the source with a destination unreachable notification message.
D. The RE responds to the destination with a source unreachable notification message.

Answer: A

Question 12

What is the initial prompt displayed when logging in as the root user?

A. root@router>
B. root@router%
C. root@router#
D. root@router*

Answer: B

Question 13

Which two keystrokes will auto-complete a command? (Choose two.)
A. Esc
B. Tab
C. Spacerbar
D. End

Answer: B C

Question 14

Which keystroke is used to auto-complete user-defined variables?
A. Spacerbar
B. Home
C. Esc
D. Tab

Answer: D

Question 15

Which two commands would you use to reset the candidate configuration to the active configuration? (Choose two.)

A. rollback 0
B. rollback 1

C. rollback 2
D. rollback

Answer: A D

Question 16

Which command verifies configuration syntax without applying the changes?

A. commit comment
B. commit and-quit
C. commit confirmed
D. commit check

Answer: D

Question 17

What is the maximum number of configurations, by default, that are recoverable using the rollback command?

A. 25
B. 50
C. 75
D. 100

Answer: B

Question 18

Which keystroke combination allows users to move the cursor to the end of the command line without deleting text?
A. Ctrl+a
B. Ctrl+e
C. Ctrl+u
D. Ctrl+w

Answer: B

Question 19

Which command is used to replace a current configuration?
A. load replace
B. load patch
C. load override
D. load set

Answer: C

Question 20

What is the minimum system-defined user class required to issue clear commands?
A. read-only
B. super-user

C. operator
D. authorized

Answer: C

Question 21

Which system-defined user class is able to perform all operations on a device?

A. operator
B. authorized
C. read-write
D. super-user

Answer: D

Question 22

You have configured an SRX Series device for the first time. When you commit your configuration, the Junos OS notifies you that you cannot yet commit your configuration. Which configuration step must you complete?

A. security policies
B. hostname
C. date/time
D. root authentication

Answer: D

Question 23

What are two default password requirements on Junos devices? (Choose two.)

A. Passwords must contain at least one special character.
B. Passwords must be at least six characters in length.
C. Alphanumeric character classes must be used.
D. An expiration date must be set.

Answer: B C

Question 24

At which hierarchy would you configure a static MAC address for interface ge-0/0/0?

A. [edit interfaces ge-0/0/0 unit 0]
B. [edit interfaces ge-0/0/0]
C. [edit interfaces ge-0/0/0 unit 0 family inet]
D. [edit interfaces ge-0/0/0 unit 0 family inet address 172.25.11.2/24]

Answer: B

Question 25

Which command is used to load the rescue configuration?

A. rollback 0
B. load merge rescue
C. load replace rescue
D. rollback rescue

Answer: D

Question 26

You are asked to configure your Junos device to automatically archive your configuration upon commit. Which two methods are supported by the Junos OS? (Choose two.)

A. SCP
B. RCP
C. FTP
D. HTTP

Answer: A C

Question 27

Which parameter would you use to prohibit the redistribution of a static route used for management traffic?

A. passive
B. discard
C. reject
D. no-readvertise

Answer: D

Question 28

You have entered the command show log messages | match "error | kernel | panic". Which statement is correct regarding the keywords error, kernel, and panic in the output?

A. The output messages will contain all messages from the file except the ones that contain all three defined keywords.
B. The output messages will contain all messages from the file that contain all three defined keywords.
C. The output messages will contain all messages from the file except the ones that contain at least one of the three defined keywords.
D. The output messages will contain all messages from the file that contain at least one of the three defined keywords.

Answer: B

Question 29

What are two configurable physical interface properties? (Choose two.)

A. link mode
B. protocol family
C. MTU
D. address

Answer: A C

Question 30

in your configuration, an interface contains multiple IP addresses belonging to the same subnet. You want to identify the IP address to use for packets sent to hosts on the same subnet. Which parameter would you use to accomplish this task?

A. relative
B. preferred
C. primary
D. patch

Answer: B

Question 31

You are asked to enable the configuration archival feature on your Junos OS device. Which two backup scenarios exist? (Choose two.)

A. When a user logs out of the device.
B. When a user logs in to the device.
C. When a specific time interval passes.
D. When a user performs a commit operation.

Answer: C D

Question 32

Given the following configuration, set system authentication-order [tacplus], which two statements are correct? (Choose two.)

A. If the TACACS+ server is available and rejects the username/password provided, the user is not allowed to access the device.
B. If the TACACS+ server is available and rejects the username/password provided, the local password database is checked.
C. If the TACACS+ server is not available, the user is not allowed to access the device.
D. If the TACACS+ server is not available, the local user database is checked.

Answer: A D

Question 33

You have received a request from the user, SecurityTeam, to notify their terminal connection only when someone commits a change to the configuration of a specific networking device. Which command would you input in this scenario?

A. set system syslog user SecurityTeam change-log alert
B. set system syslog user SecurityTeam change-log any
C. set system syslog user SecurityTeam interactive-commands any
D. set system syslog user SecurityTeam interactive-commands warning

Answer: B

Question 34

How would you change the display so that 40 lines will be displayed in the terminal program when you are logged into a Junos device?

A. Set the window size of your terminal program.
B. Issue that set cli screen-length 40 command from Operational mode.
C. Set the display options in your terminal program.
D. Issue that set cli screen-length 40 command from Configuration mode.

Answer: B

Question 35

Which three actions are required to perform a unified in-service software upgrade (ISSU)? (Choose three.)

A. Enable graceful Routing Engine switchover (GRES).
B. Verify that the REs and protocols are synchronized.
C. Issue the request system software in-service-upgrade command on the backup RE.
D. Enable graceful restart.
E. Issue the request system software in-service-upgrade command on the master RE.

Answer: A B E

Question 36

Which feature must you enable prior to performing a unified in-service software upgrade?

A. graceful Routing Engine switchover (GRES)
B. Virtual Router Redundancy Protocol (VRRP)
C. graceful restart
D. Network Time Protocol (NTP)

Answer: A

Question 37

What would you use as a network tool to open a secure terminal connection from a Junos device to another device?

A. SSH
B. HTTPS
C. RDP
D. telnet

Answer: A

Question 38

What are two important steps when upgrading an SRX300 Series device? (Choose two.)

A. Verify that enough space exists to upload the software package.
B. Verify that the netconf protocol is enabled.
C. Clear all alarms.
D. Reboot the device.

Answer: A D

Question 39

Which parameter of the monitor traffic command should be used with caution when considering storage space on a Junos device?

A. detail
B. extensive
C. write-file
D. layer2-headers

Answer: C

Question 40

You want to upgrade between two different Junos OS releases with no disruption to the control plane. Which software upgrade command should you perform?

A. request system software validate
B. request system software add
C. request system software in-service-upgrade
D. request system software delete-backup

Answer: C

Question 41

You are attempting to upgrade the Junos OS on your device, but there is not enough space to complete the upgrade. Which parameter, added to the request system software add command, would solve the problem?

A. no-validate
B. no-copy
C. validate
D. force

Answer: B

Question 42

Which two statements are true regarding dynamic routing? (Choose two.)

A. Dynamic routing requires more administrative overhead than static routing.
B. Dynamic routing allows a device to automatically reroute traffic around a failure.
C. Participating devices dynamically learn routing information from each other.
D. Dynamic routing is used when absolute control of routing parameters is necessary

Answer: B C

Question 43

Which routing table is used for IPv6 unicast routes by default?

A. inet.0
B. inet.1

C. inet.3
D. inet6.0

Answer: D

Question 44

What is an example of an exterior gateway protocol (EGP)?

A. OSPF
B. RIP
C. BGP
D. IS-IS

Answer: C

Question 45

Which three statements describe OSPF? (Choose three.)

A. OSPF must operate between different autonomous systems.
B. OSPF is a link-state IGP.
C. OSPF calculates the best path to each destination.
D. OSPF uses areas to incorporate hierarchy and allow for scalability.
E. OSPF uses a distance-vector algorithm to calculate routing cost.

Answer: B C D

Question 46

What is the default route preference for OSPF internal?

A. 5
B. 10
C. 100
D. 150

Answer: B

Question 47

Which statement is true about a virtual router routing instance?

A. It can be used to create a separate routing table.
B. It can be used for Layer 3 VPN implementations.
C. It automatically has import and export policies applied.
D. An interface in the routing instance can also reside in the default routing instance.

Answer: A

Question 48

Routing policies contain which two type of statements? (Choose two.)
A. and
B. from
C. default
D. then

Answer: B D

Question 49

What is the purpose of the discard action of a firewall filter?
A. The system drops the packet and logs the entry.
B. The system drops the packet and sends an ICMP message.
C. The system silently drops the packet.
D. The system evaluates the next term in the policy.

Answer: C

Question 50

What are two modes of unicast reverse path forwarding? (Choose two.)

A. strict
B. high
C. low
D. loose

Answer: A D

Question 51
You issue a "request system zeroize" command. Which statement is correct in this scenario?
A. All data files remain unchanged but all configuration settings returned to factory defaults.
B. All data files are deleted and all configuration settings are returned to factory defaults.
C. All data files are deleted and all configuration settings remain unchanged.
D. Disk space is freed by rotating log files and a proposed list of files to be deleted is presented.

Answer: B

Question 52
Which two statements describe a routing policy? (Choose two.)
A. Active and inactive routes are available for export from the routing table.
B. A routing policy allows you to control the flow of information into the routing table.
C. Routing policy are used to choose which routes are sent to neighbors using dynamic routing protocols.
D. Attribute changes applied to export policies always affect the local routing table.

Answer: BC

Question 53

What is minimum configuration required for a Junos device to respond to SNMP requests?
A. set snmp community public authorization read only

B. set snmp public version v2
C. set snmp community public
D. set snmp trap-group public version v1

Answer: C

Question 54
You have entered the command "show log messages | match "error | kernel | panic", which statement is correct ragarding the keywords error, kernel and panic in the output?

A. The output messages will contain all messages from the file except the ones that contain all three defined keywords.
B. The output messages will contain all messages from the file that contains all three defined keywords.
C. The output messages will contain all messages from the file that contains at least one of the three defined keywords.
D. The output messages will contain all messages from the file except the ones that contains at least one of the three defined keywords.

Answer: B

Question 55

Referring to the exhibit:

```
[edit firewall family inet]
user@router# show
filter protect-RE-1 {
    term 1 {
     from {
        protocol icmp;
     }
     then accept;
    }
}
filter protect-RE-2 {
    term 1 {
     from {
      protocol icmp;
     }
     then reject;
    }
}

[edit interfaces lo0]
user@router# show
unit 0 {
    family inet {
      filter {
         input-list [protect- RE-1 protect-RE-2];
       }
       address 192.168.2.1/32;
    }
}

[edit interfaces ge-0/0/0]
user@router# show
description "Management Interface";
unit 0 {
```

What happens when ping packets are sent to the management interface address of the local router?
A. The Ping packets are silently discarded.
B. An ICMP unreachable message is returned.
C. The Ping packets are accepted.
D. An ICMP redirect message is returned.

Answer: C

Question 56
Which two statements are true about static routes in the Junos OS? (Choose two.)
A. Static routes remain in the routing table until you remove them or until they become inactive.
B. Static routes are learned by neighboring devices and added to their routing tables.
C. Static routes are defined at the [edit routing-instance] hierarchy.
D. Static routes must have next hop defined.

Answer: AD

Question 57
A Junos device is configured with multiple routing protocols to the same destination prefix. By default, which route will be active in the forwarding table?
A. A static route.
B. An OSPF route.
C. An IS-IS route.
D. A BGP route.

Answer: A

Question 58
Which routing table is used for multicasting forwarding cache?
A. Inet.3
B. Inet.0
C. Inet.1
D. Inet.2

Answer: C

Question 59
Which two interfaces are considered physical interface? (Choose two.)
A. Ge-0/0/0
B. Et-3/0/0:0.501
C. Et-7/1/4:0
D. Xe-10/2/1

Answer: AD

Question 60

Which two platforms are supposed in both physical and virtual form factors? (Choose two.)
A. NFX Series
B. ACX Series
C. SRX Series
D. MX Series

Answer: CD
Explanation:
https://www.juniper.net/us/en/products-services/security/srx-series/vsrx
https://www.juniper.net/us/en/products-services/sdn/nfx-series/

Question 61
Referring to the exhibit:
.....
Which command will change the 172.16.10.1/24 IP address to 172.16.100.1/24 IP address?

A. set interfaces ge-0/0/2 unit 0 family inet address 172.16.100.1/24
B. copy interfaces ge-0/0/2 unit 0 family inet address 172.16.10.1/24 to address 172.16.100.1/24
C. rename interfaces ge-0/0/2 unit 0 family inet address 172.16.10.1/24 to address 172.16.100.1/24
D. insert interfaces ge-0/0/2 unit 0 family inet address 172.16.10.1/24 before address 172.16.100.1/24

Answer: A
Explanation:
https://kb.juniper.net/InfoCenter/index?page=content&id=KB10880

Question 62
Referring to the exhibit:
.....
Which statement is correct when traffic received from 10.10.10.4?
A. The traffic is counted and accepted.
B. The traffic is counted and rejected.
C. The traffic is only rejected.
D. The traffic is only accepted.

Answer: B

Question 63
What does the output of the show route forwarding-table command display?
A. The routing protocol databases in the Routing Engine.
B. The inactive entries in the Routing Engine's routing table.
C. The Routing Engine's forwarding table.
D. The Packet Forwarding Engine routing table.

Answer: C

Question 64
You are troubleshooting an issue and want to monitor syslog in real time. Which operational command accomplish this task?
A. show log message
B. monitor start message
C. show log message | refresh i
D. monitor traffic interface fxp0.0

Answer: A

Question 65
Referring to the exhibit:
.....
Which parameter at the end of the command would provide information for troubleshooting pusposes?
A. no-timestamp
B. extensive
C. print-ascii
D. no-resolve

Answer: B

Question 66
Referring to the exhibit:
.....
Which logical interface can forward IP traffic?
A. ge-0/0/2
B. ge-0/0/0

C. ge-0/0/2.0
D. ge-0/0/1.0

Answer: C

Question 67
Referring to the exhibit:
.....
Which command produced the output shown in the exhibit?
A. show interfaces summary
B. show interfaces filters
C. show interfaces extensive
D. show interfaces terse

Answer: D

Question 68
Referring to the exhibit:
.....
While working on a Junos Device, you receive the message shown in exhibit. In this scenario, what would you do to stop the shutdown process?
A. issue the clear system commit command
B. issue the clear system reboot command
C. issue the request system halt in command
D. issue the request system power-off in command

Answer: C

Question 69

Referring to the exhibit:

……

Which statement is true?
A. traps are allowed from 10.21.15.180
B. traps are sent to 10.21.15.180
C. traps are sent to 10.21.15.16
D. traps are allowed from 10.21.15.16

Answer: D

Question 70

Which two statements that describe PFE functions are true? (Choose two.)
A. The PFE implements rate limiting using policers.
B. The PFE stores the master copy of the layer 2 and layer 3 forwarding tables.
C. The PFE provides access to the CLI and Jweb.
D. The PFE stores a local copy of the layer 2 and layer 3 forwarding tables.

Answer: AD

Question 71
Which command will show files stored in the /var/home/tab directory?

A. lab@router> file list
B. lab@router> file show
C. lab@router> ls
D. [edit]
lab@router# rollback ?

Answer: A

Question 72

You are connected to your Junos device using an SSH connection to the txp0 interface. No other interfaces are currently configured and unreachable from your management network. How would you reestablish communication with the device?
A. Establish a SSH connection to the lookback interface.
B. Unplug the network cable and plug it back in.
C. Power off and power on the device.
D. Connect to the console of the device.

Answer: D

Question 73
Your firewall filters are not in the correct order, what would you solve this problem?
A. Use the next-term action to force an evaluation of the next-term.
B. Use the commit parameter to ensure that terms are evaluated correctly.
C. Use the reject action to change the action of the filter.
D. Use the filter command to reorder the terms with the filter.

Answer: D

Question 74
You are considering to upgrade from 19.1R1 and want to ensure that only bug fixes are included. Which two software version should you use in the current situation? (Choose two.)
A. 19.3R2
B. 19.1R3
C. 19.1R1-S2
D. 19.3R1-S1

Answer: CD

Question 75
Referring to the exhibit:
.....
What does the number inside the square bracket represent?
A. Metric
B. Local preference
C. Protocol reference number
D. Route preference

Answer: A

Question 76
Which two statements describe IPv4 default behavior for BGP? (Choose two.)

A. All active BGP routes are exported to configured EBGP neighbors.
B. All BGP routes are exported to configured EBGP neighbors.
C. All BGP routes are imported into the inet.0 routing table.
D. All BGP routes are imported into the inet4.0 routing table.

Answer: AC

Question 77
Which two statements describe the connection between control plane and forwarding plane? (Choose two.)
A. No rate limiter is configured by default.
B. A rate limiter is configured by default.
C. Exception traffic is preferred over the control traffic during congestion.
D. Control traffic is preferred over the exception traffic during congestion.

Answer: BD

Question 78
Referring to the exhibit:
.....
What will be the result?
A. The device will boot in a multi-user mode at the configuration prompt.
B. The device will boot in a single-user mode at the operational prompt.
C. The device will boot in a multi-user mode at the shell prompt.
D. The device will boot in a single-user mode at the shell prompt.

Answer: A

Question 79
When multiple users are editing the configuration on a Junos device, what is the default behavior when a user issues a commit command?

A. The user's configuration changes are commited, other users configuration changes are still pending.
B. The user's configuration changes are commited, other users will be exited from the configuration mode.
C. All valid configuration changes made by all users will take effect.
D. The user will receive an error message disallowing a commit of the configuration.

Answer: C

Question 80
You successfully established a BGP session with peer, but do not see any routes learned from the peer. What would cause this problem?
A. A routing policy is blocking BGP from learning the routes.
B. Unicast reverse-path-forwarding is blocking BGP from learning the routes.
C. A security policy is blocking BGP from learning the routes.
D. The firewall filter is blocking BGP from learning the routes.

Answer: A

Question 81
Which two conditions must exist in a Junos device for traffic to transit the device to a specific destination? (Choose two.)

A. A forwarding table entry for that destination must exist.
B. A routing policy must be in place on the device.
C. A firewall filter must exist to all traffic to reach that destination.
D. A routing table entry for that destination must exist.

Answer: AC

Question 82
Referring to the exhibit:
.....
You are asked to limit traffic on interface xe-0/0/3 to 1G using the policer shown in the exhibit. Which configuration would accomplish this task?
.....
Answer: A

Question 83
What is responsible for processing multicast transit traffic?
A. Control plane
B. Management plane
C. RE
D. PFE

Answer: D

Question 84

What configuration parameter on a Junos device modifies the default next-hop resolution behavior of a static route?
A. Resolve
B. No-readvertise
C. Passive
D. Preference

Answer: A

Question 85

Which statement is true about the longer route-filter match type?

A. All routes within the specified prefix that are longer than the given prefix are considered a match.
B. All routes within the specified prefix that are longer or equal to the given prefix up to a defined acceptable prefix length are considered a match.
C. All routes within the specified prefix that are longer or equal to the given prefix are considered a match.
D. All routes within the specified prefix that are longer than the given prefix up to a defined acceptable prefix length are considered a match.

Answer: A

Question 86
In which directory the traceoption files stored by default?
A. /var/db/
B. /var/tmp/
C. /var/log/

D. /var/home/

Answer: C

Question 87
Referring to the exhibit:
.....
What information is provided about the route to 192.168.47.0/24? (Choose two.)
A. There is a singel active route to 192.168.47.0/24.
B. There are two next-hops available to 192.168.47.0/24.
C. There is a singel next-hop available to 192.168.47.0/24.
D. There are two active routes to 192.168.47.0/24.

Answer: AB

Question 88
Referring to the exhibit:
.....
You notice traffic destined to 172.31.17.0/24 is traversing an OSPF path rather than BGP path,
what is causing this behavior?
A. The 172.31.17.0/24 BGP route is missing a valid default next-hop.
B. The 172.31.17.0/24 BGP has a higher route preference.
C. The 172.31.17.0/24 route does not have a valid BGP entry.
D. The 172.31.17.0/24 BGP route's outgoing interface is down.

Answer: B

Question 89
Which two commands would you use to reset the condiate configuration to the active configuration?
(Choose two.)
A. rollback 0
B. rollback 1
C. rollback 2
D. rollback

Answer: AD

Question 90
Which command allows you to verify the syntax and consistency of your configuration without actually activating your configuration?
A. user interfaces
B. commit verify
C. commit check
D. check commit
E. commit no-activate

Answer: C

Question 91
What happens when a route does not match any user-configured policies?
A. The route is rejected.

B. The route is accepted.
C. The route is given a lower priority.
D. The route is sent to the default policy.

Answer: D

Question 92
The monitor traffic command provides access to which utility?

A. tcpdump
B. telnet
C. traceroute
D. netstat

Answer: A

Question 93
What is the maximum number of rollback files a Junos device can store?
A. 5
B. 10
C. 49
D. 50

Answer: D

Question 94
When you first log in to a router, how does the router indicate that factory default are being used?
A. The router's host name is Amnesiac.
B. The password you used to log in is junos.
C. The router immediately enters configuration mode after you log in.
D. The router allows you to enter configuration mode without logging in.

Answer: A

Question 95
You are in configuration mode at the top of the hierachy. How would you save your configuration to a file on the route?
A. save configuration <filename>
B. save config <filename>
C. save <filename>
D. save run <filename>

Answer: C