

CLSC Written Answer Sheet

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1. Which protocol used for multicast registration?

- PPP
- IGMP
- VPN
- CGMP
- LANE

2. By default CGMP is _____

- Enabled
- Disabled
- Passive
- Not installed

3. To enable CGMP on a switch you would issue which command?

- Enable CGMP
- Set CGMP enable
- Set CGMP active
- Set CGMP multicast address

4. To display CGMP information about VLAN1 which command would you use?

- Show cgm 1
- Show cgm statistics 1
- Show cgm statistics vlan 1

5. Which Cisco devices would you manage with SPAN?

- Cisco 2501
- Cisco 2820
- Cisco 3000
- Cisco 7000

6. Which series of Cisco products can be used with a catalyst matrix to form a backplane with a 1.12gb capacity?

- Cisco 2500
- Cisco 3000
- Cisco 5000
- Cisco 7000

7. What is the bus capacity and total system memory of the 1900/2820 series switches?

- 500mbs / 1.5mb
- 1gbs / 3mb
- 1.2gbs / 5mb
- 1.5gbs / 8mb

- it depends on the option boards installed

8. What is the maximum distance for a 2820 with a multimode FDDI board installed in it?

- 500 meters
- 1km
- 2km
- 5km
- there is no maximum distance

9. What is the maximum distance for a 2820 with a single mode FDDI board installed in it?

- 500m/2km
- 7/15km
- 15/40km
- 21/50km

10. Which of the following are features of CWSI?

- Automatic Switch configuration
- Remote Monitoring (RMON) protocol analysis
- Artificial intelligence monitoring software
- Graphical display for configuring, modifying and managing VLANs
- Dial in option for Cisco TAC

11. Which mode would your switch need to be in to create, modify and delete VLANs?

- VTP server
- VTP client
- VTP transparent
- VTP master
- More than one of the above

12. Which mode would you configure your switch assuming you did not need to create, modify and delete VLANs?

- VTP server
- VTP client
- VTP transparent
- VTP passive
- More than one of the above

13. Which mode would your switch need to be in assuming it did not want to participate in the VTP protocol with other switches on the internetwork?

- VTP server
- VTP client
- VTP transparent
- VTP passive
- More than one of the above

14. Which command will set the VTP management domain to "cisco" on a vtp server?

- Set vtp domain cisco
- Vtp domain cisco
- Set vtp-domain cisco
- Set domain cisco

15. Which ATM components can have increased availability using SSRP?

- LECS
- LEC
- LES
- UNI
- BUS

16. To support the LECS redundancy scheme using SSRP, you must adhere to which of the following configuration rules.

- Each LECS must maintain the same database of ELANs. Therefore, you must maintain the same ELAN database across all the LECSs.
- A BUS cannot be a backup system for a LECS, or a LES because of the potential for system over load.
- You must configure the LECS addresses in the LECS address table in the same order on each ATM switch in the network.
- All LECS should be similar systems, running the same software releases.
- When using SSRP with the Well Known Address, do not place two LECSs on the same ATM switch. If you place two LECs on the same ATM switch, only one LECS can register the Well Known Address with the ATM switch (through ILMI) and this can cause problems during initialization.

17. When a port reaches the broadcast storm control threshold what happens?

- The light for the offending port turns from red to green
- The port may be administratively disabled
- The bridge may send an SNMP trap
- The port is automatically changed to cut through forwarding

18. Identify the true statements regarding VLANs and spanning tree:

- Cisco VLANs support multiple spanning tree formats including IEEE 802.1D and 802.1Q
- With Cisco switches, all VLANs share a common spanning tree
- VLANs work at Layer 2 of the OSI model
- Certain hosts called "DAS" may exist on two VLANs at the same time

19. How many slots on a Catalyst 5500 series switch?

- 5
- 7
- 13
- 15
- it depends on the chassis

20. Identify the true statements about the Catalyst 5500 series switches:

- The Catalyst 5500 has a 3.6-Gbps media-independent switch fabric and a 5-Gbps cell-switch fabric.
- The Catalyst will load balance between supervisor boards, assuming both boards are the same model.
- The backplane provides the connection between power supplies, Supervisor Engine II, interface modules, and backbone module.
- FDDI and ATM is available with a Supervisor III installed
- If you have a supervisor III installed in port 2, it will be used instead of the integrated supervisor II in slot 1.

21. Which of the following are benefits of a switched internetwork?

- Ease of configuration
- Broadcast Control
- Security
- Redundancy
- Management

- High availability

22. Which of the following are ways to configure a VLAN?

- By Port
- By session
- By Protocol
- By User Defined Value
- By Latency

23. Which of the following list are examples of “in band” management?

- console
- telnet
- asynchronous modem connection
- snmp

24. Which statement(s) about a Cisco 7500 equipped with an RSP and with VIP controllers is true?

- The hardware can be configured to switch packets without per packet assistance from the VIP
- Distributed Switching increases the load on the RSP
- Using an RSP in combination with VIP cards is only recommended for low speed interfaces such as 56k SMDS.

25. You installed a Catalyst 2820 switch, connected a network device, and you turned the power on. How do you know that the network device is communicating with the Catalyst switch.

- The connected port UTL LED is alternating green and amber
- The port FDUP LED is solid green
- The port STAT LED is flashing green/off
- The port LED is rapidly flashing amber

26. Which one of the following is probable cause for FCS & alignment errors on a Catalyst 2820 switch ?

- The switch port and the attached device port are both configured for half-duplex mode
- The switch port and the attached device port are both configured for full-duplex mode
- The switch port is configured for full-duplex mode and the attached device port is configured for half-duplex mode
- The switch port and the attached device port are both configured for full-duplex mode and the cable connecting them is within the guidelines

27. You know that you used a good cable to connect a good device to a working Catalyst 2820 or 1900 switch with 4 VLANs , but the device cannot communicate with another device in the network. What is the most likely cause?

- The 2 devices are connected to different ports on the same repeater
- The 2 devices are connected to the same VLAN in the same switch
- The 2 devices are connected to the same VLAN in the different switches
- The 2 devices are connected to the same VLAN in the same switch

28. Which one of the following statements is true about a Catalyst switch firmware upgrade process?

- The switch upgrade might not respond to commands for a period of 15 seconds during the upgrade
- Turning the switch off and on during the upgrade process could corrupt the firmware
- Forwarding of packets continues unaffected during the switch upgrade

- The switch might not respond to commands for a period as long as 30 seconds during the upgrade

29. Which one of the following statements is true about the Catalyst 2820 switch operation?

- When you upgrade the firmware for a Catalyst 2820 switch, the FDDI firmware gets automatically upgraded
- When you upgrade the firmware for a Catalyst 2820 switch, there is no need to upgrade the FDDI firmware
- When you upgrade the firmware for a Catalyst 2820 switch, it has no effect on the installed FDDI module firmware
- When you upgrade the firmware for a Catalyst 2820 FDDI module, the Catalyst 2820 firmware gets automatically upgraded

30. Which one of the following is not an option for upgrading the Catalyst 2820 Switch or FDDI module firmware?

- TFTP client
- TFTP server
- Serial connection (Kermit protocol)
- Serial connection (X modem protocol)

31. When connecting a 100base TX port of a Catalyst 2820 or 1900 switch to another switch or hub marked with an X, you must use:

- AUI-to-AUI cable
- Cross fiber module
- Straight through Category 5 UTP cable
- Crossover Category 5 cable

32. Which is the correct command sequence to enable IP distributed switching and NetFlow switching on VIP Interfaces (Assuming a you are using a Cisco 7507)?

- interface type slot/port-adapter/port
ip route-cache [netflow | optimum]
- interface type slot/port-adapter/port
ip route-cache netflow
ip route-cache [distributed | optimum]
- interface type slot/port-adapter/port
ip route-cache distributed
ip route-cache [flow | optimum]
- interface type slot/port-adapter/port
ip route-cache distributed
ip route-cache netflow

33. What is the command on a Cisco Switch which enables fast switching for the IP protocol

- _____

34. True/False: You may specify both the maximum entries, and the expiration for the route cache.

- True
- False

35. Which type of switching would you use at an ISP to charge back customers based on bandwidth use?

- _____

36. Which of the following scenarios support NetFlow switching?

- ISL/VLAN
- ATM
- IP encapsulated traffic
- Frame Relay with more than one input access control list on the interface
- ATM LANE

37. Which of the following things are considered a NetFlow network flow?

- Source ip address
- Destination ip address
- Time to Live (TTL)
- Source port number
- Destination port number
- Packet Latency
- Protocol type
- Type of service
- Input interface
- Output interface

38. Which are the two versions of the Netflow protocol

- 1,2
- 1,5
- 2,5
- there is only one version of the netflow protocol

39. Which statement is the proper command to configure an interface on a Cisco 7500 series router.

- Interface type slot/port-adapter/port
- Interface type slot/port
- Interface type port-adapter/slot/port
- Interface type port/slot

40. Which command will display the NetFlow switching statistics for the IP protocol?

- _____

41. When should you use the command “ip route-cache same-interface”

- When you do not have a VIP card installed in the router
- On a partially meshed media such as Frame Relay
- When you have multiple protocols configured on a single interface
- Whenever you get the “need for speed”

42. Type the statement which disables fast switching for the IP protocol.

- _____

43. What protocols must an interface be running to have fast switching enabled by default?

- Appletalk
- Netbios

- IPX
- IP

44. Which statement(s) are true about Random Early Detection?

- Traffic is prioritized based on the type of service (TOS).
- This feature is only available if you have a VIP card installed
- This feature is available on T3, OC-3, and ATM interfaces
- This feature is available on any interface faster than 10mbps

45. Which statement describes FIFO Queuing

- Packets are forwarded in the same order they arrive at the interface
- Packets are forwarded based on an assigned priority. The administrator must create priority lists and groups to define rules for assigning packets to a priority queue
- Allocates a percentage of bandwidth for a specified traffic by creating protocol queue lists and custom queue lists.
- Provides automatic traffic priority management, low bandwidth sessions have priority over high priority sessions.

46. Which statement describes Weighted Fair Queuing

- Packets are forwarded in the same order they arrive at the interface
- Packets are forwarded based on an assigned priority. The administrator must create priority lists and groups to define rules for assigning packets to a priority queue
- Allocates a percentage of bandwidth for a specified traffic by creating protocol queue lists and custom queue lists.
- Provides automatic traffic priority management, low bandwidth sessions have priority over high bandwidth sessions.

47. Which type of queuing is the default for a serial interface connected to a 56kbps circuit?

- Weighted Fair Queuing
- Priority Queuing
- FIFO Queuing
- Custom Queuing

48. Which statement describes Custom Queuing

- A. Packets are forwarded in the same order they arrive at the interface
- B. Packets are forwarded based on an assigned priority. The administrator must create priority lists and groups to define rules for assigning packets to a priority queue
- C. Allocates a percentage of bandwidth for a specified traffic by creating protocol queue lists and custom queue lists.
- D. Provides automatic traffic priority management, low bandwidth sessions have priority over high priority sessions.

49. Which statement describes Priority Queuing

- Packets are forwarded in the same order they arrive at the interface
- Packets are forwarded based on an assigned priority. The administrator must create priority lists and groups to define rules for assigning packets to a priority queue
- Allocates a percentage of bandwidth for a specified traffic by creating protocol queue lists and custom queue lists.
- Provides automatic traffic priority management, low bandwidth sessions have priority over high priority sessions.

50. Which command will enable NetFlow switching on a Cisco 7500?

- Protocol* route-cache flow
- No *protocol* route-cache
- Protocol* route-cache optimum
- Protocol* route-cache distributed

51. Which type of switching is the slowest?

- Optimum switching
- Distributed Switching
- Netflow Switching
- Process Switching

52. Which type of switching cannot be used on a Cisco 7200 because it requires second generation VIP cards?

- Optimum switching
- Distributed Switching
- Netflow Switching
- Process Switching

53. True/False: The Cisco 7500 has an integrated Route/Switch Processor (RSP) which uses route caching to forward packets?

- TRUE
- FALSE

54. True/False: The Cisco 7500 also uses Versatile Interface Processors (VIP), which are RISC based processors that hand all traffic up to the Route Switch Processor (RSP) to be forwarded?

- TRUE
- FALSE

55. Which term accurately describes distributed switching? (1)

- Putting high end routers on the core of the network, and workgroup switches on the distribution area
- Using a combination of workgroup switches on the core and distribution portions of the network
- Using Versatile Interface Processors to reduce load on the main Route Switch Processor
- Using multiple Route Switch Processors to reduce load on the Versatile Interface Processors

56. True/False: Multiple VIP cards can be installed in one router?

- TRUE
- FALSE

57. Which of the following can be used to make routing decisions

- Link speed
- Media type
- Protocol
- Distance
- current load

58. How many routing tables must a router maintain?

- One master routing table for all protocols
- One for each protocol
- One shared routing table for all protocols, then one individual routing table for each protocol
- One read/write master table, then one read only table for each protocol

59. Which of the following are Cisco basic switching paths?

- Process Switching
- Fast Switching
- Optimum Switching
- Distributed Switching
- NetFlow Switching

60. When statement describes Process Switching?

- Received packets are copied into the system buffer then the router looks up the layer 3 network address in the routing table and initializes the fast-switch cache.. The RSP computes the CRC.
- The first packet is copied into packet memory and the destination network or host is found in the fast-switching cache. The interface processor computes the CRC.
- Enabled by default on a 7500. Similar to fast switching, however it must be disabled for debugging.
- Switching occurs on the VIP which maintains a copy of the routing cache, switch performance improves linearly with the number of VIP cards installed. Cannot be used on a Cisco 7200.
- Allows you to collect information about accounting, billing, and chargeback for network and application resource utilization.

61. When statement describes Optimum Switching?

- Received packets are copied into the system buffer then the router looks up the layer 3 network address in the routing table and initializes the fast-switch cache.. The RSP computes the CRC.
- The first packet is copied into packet memory and the destination network or host is found in the fast-switching cache. The interface processor computes the CRC.
- Enabled by default on a 7500. Similar to fast switching, however it must be disabled for debugging.
- Switching occurs on the VIP which maintains a copy of the routing cache, switch performance improves linearly with the number of VIP cards installed. Cannot be used on a Cisco 7200.
- Allows you to collect information about accounting, billing, and chargeback for network and application resource utilization.

62. When statement describes Fast Switching?

- Received packets are copied into the system buffer then the router looks up the layer 3 network address in the routing table and initializes the fast-switch cache.. The RSP computes the CRC.
- The first packet is copied into packet memory and the destination network or host is found in the fast-switching cache. The interface processor computes the CRC.
- Enabled by default on a 7500. Similar to fast switching, however it must be disabled for debugging.
- Switching occurs on the VIP which maintains a copy of the routing cache, switch performance improves linearly with the number of VIP cards installed. Cannot be used on a Cisco 7200.
- Allows you to collect information about accounting, billing, and chargeback for network and application resource utilization.

63. When statement describes Netflow Switching?

- Received packets are copied into the system buffer then the router looks up the layer 3 network address in the routing table and initializes the fast-switch cache.. The RSP computes the CRC.
- The first packet is copied into packet memory and the destination network or host is found in the fast-switching cache. The interface processor computes the CRC.
- Enabled by default on a 7500. Similar to fast switching, however it must be disabled for debugging.
- Switching occurs on the VIP which maintains a copy of the routing cache, switch performance improves linearly with the number of VIP cards installed. Cannot be used on a Cisco 7200.
- Allows you to collect information about accounting, billing, and chargeback for network and application resource utilization.

64. What statement describes Distributed Switching?

- Received packets are copied into the system buffer then the router looks up the layer 3 network address in the routing table and initializes the fast-switch cache.. The RSP computes the CRC.

- The first packet is copied into packet memory and the destination network or host is found in the fast-switching cache. The interface processor computes the CRC.
- Enabled by default on a 7500. Similar to fast switching, however it must be disabled for debugging.
- Switching occurs on the VIP which maintains a copy of the routing cache, switch performance improves linearly with the number of VIP cards installed. Cannot be used on a Cisco 7200.
- Allows you to collect information about accounting, billing, and chargeback for network and application resource utilization.

65. Which ASIC on both line modules and the supervisor engine provides arbitration to the switching bus among ports and among lines?

- SAGE
- SAINT
- SAMBA
- PHOENIX

66. Which two applications need queuing? (2)

- Consistent utilization
- Video Conferencing
- Lack of Buffers on hosts
- A congested network
- Bursty traffic

67. What is the purpose of VTP?

- Allows Virtual Terminal sessions
- Maps trunking ports together
- A required protocol for all VLANs

68. Type the command which displays supervisor modules that provides network interface information

- _____

69. True about RMON:

- Four groups: stats, history, alarm, event
- Rmon's can be maintained with software such as CiscoWorks or TrafficDirector
- RMON is in EARL ASIC
- Will allow you to monitor/mirror traffic to another port

70. Which statement is true regarding 802.10 VLANs:

- Defines multiple protocol data unit
- VLAN ID is required
- Header includes clear header & protected header
- Clear header replicates the source address contained in the MAC

71. Which switch processor uses system software that governs the general control of the hardware, its config and diagnostic routines:

- NCP
- NMP
- MCP
- LCP

72. Which of the following are valid switch forwarding methods (3)

- Cut-through
- Cut-through with Fast-forward

- Cut-through with frag free
- Store and forward
- Hybrid Store and forward

73. Which 5000 component is similar to a learning bridge

- LTL
- CBL
- Arbiter
- EARL

74. Identify the two true statements regarding the Cisco supervisor engine options:

- C5500 uses only original supervisor engine
- Supervisor II supports 2 100mb links
- Supervisor II is faster than Supervisor I
- Supervisor 2 Supports 1.2gb and 3.6gb backplane

75. which two tasks should you perform to configure vlan and lan emulation

- configure vlan administrative parameters
- configure vtp ports
- configure atm and lane
- configure vlan ports

76. Which of the following statements are true?

- Demand nodes should always be placed as close as possible to their resource nodes
- Resource nodes should be grouped together for optimum performance
- Demand nodes are always workstations
- Resource nodes should be placed on segments with other resource nodes

77. Which statements are true regarding the C3000

- 2 slots for modules
- 7 slots for modules
- 160mbps to 560mbps
- 40mbs to 700mbps

78. What Command assigns port 2/1 to VLAN 610

- _____

79. Set up a management domain

- Set vtp
- Set domain
- Set managemetn
- Set client

80. How many 10base T ports on a 1912:

- 8
- 12
- 20
- 48

81. True regarding serial connections through supervisor engine:

- Port is synchronous
- Use straight through cable to DTE

- Use straight through cable to DCE
- DCE is DB25

82. Transceiver has a max distance of 1.2 miles (2km):

- Multimode
- Singlemode (ATM & FE)
- Singlemode FDDI
- CAT 5

83. Which command do you use to enable a LES and a LANE bus for the ELAN:

- Lane elane name
- Lane bus elan-name
- Lane les bus elan-name
- Lane les bus elan protocol name
- Lane server-bus elan-name

84. Switch applications:

- Server cluster
- Workstation cluster
- 10/100mbps workgroups
- desktop manager

85. Which two rules are true for allocating resources

- Local resources should be placed nearest to those users which need them the most
- global resources should be on their own dedicated segment to enable full 100mbps throughput
- Two demand segments should not be configured to share one resource segment
- A five segment network with 4 demand nodes should be configured at the same speed that would make the switched network unnecessary

86. LANE multimode fiber module

- Source is a laser
- Source is a led
- Max distance is 2km
- Max distance is 10km

87. Out of bound management examples:

- console
- telnet
- asynchronous modem connection
- snmp

88. Correct order of steps for tracing frame through 5000

1. bus arbiter issues a grant which signals SAINT ASIC to initiate data transfer
2. Ethernet port receives buffer, checks FCS
3. SAINT ASIC ports request to bus arbiter to transfer frame
4. A frame is transferred across switch backplane

- 3214
- 4123
- 2314
- 1324

89. Describe half duplex

- Can transmit both directions at the same time
- Each station has a full send and receive channel
- Similar to a one way bridge
- It uses time division to determine which computer gets priority

90. Which of the following switches has full supervisor redundancy with a supervisor II installed?

- 5000
- 5007
- 5500

91. Allocating resource rules

- Resource nodes should be grouped together in workgroups away from demand node traffic
- Demand nodes should be located as close to their primary resource nodes as possible
- Demand nodes should always have their own dedicated segments

92. Which two statements are true regarding APART?

- Disabling apart increases throughput
- After disabling apart earl ceases to provide packet forwarding
- After disabling apart earl continues to provide packet forwarding
- Disabling apart decreases throughput

93. Which vlan technology is a standard protocol on a catalyst 5000 that allows you to map trunking protocols together to create an integrated vlan implementation across a user defined management domain

- Isl
- Lane
- Vtp
- Vtam

94. Which statements are true regarding vlan trunk protocol?

- Vtp information can be distributed to all stations throughout the network including servers, routers, and switches that participate as a vlan configurator
- VTP provides static reporting for added vlans across the network
- VTP provides a manual mapping scheme going across mixed media backbones
- VTP provides auto intelligence for configuring switches across the network

95. What is the correct order for tracing a frames progress through a catalyst 5000?

1. the bus arbiter issues a grant to local arbiter which at the appropriate time which at the appropriate time notifies the –saint asic to initiate data transfer
2. the ethernet port fully receives buffers and checks the frame fcs
3. the saint asic posts a request to the bus arbiter to transmit the frame across the switching bus
4. the frame is transmitted across the switching backplane all ports receive the frame and store it in their input buffers

- 1234
- 2314
- 3142
- 4321

96. Which statements are true regarding the store and forward switching methods?

- In store and forward switching the switch receives the full frame before beginning to transmit it.
- The switch checks the destination address as soon as it receives the header and begins to forward the frame immediately
- Latency through the switch varies with frame length
- Latency remains constant regardless of frame length

97. Which two statements are true regarding out of band management

- works in conjunction with ppp
- works in conjunction with slip
- the out of band management features can be used to provide telnet access to a catalyst switch CLI
- out of bands management can be used to establish snmp management sessions on an snmp management platform

98. which command displays the supervisor module that provides network interface information

- show arp
- show int
- show module
- show netstat

99. which two statements are true regarding lan emulation components

- the bus is responsible for handling both broadcasts and multicasts
- the bus registers and resolves all mac address to atm addresses using the lane emulation address resolution protocol
- when a device on the elan has data to send to another device on the elan the sending requests the atm address of the destination from the bus
- the les manages the stations that make up the elan

100. how to use the port priority menu

- it is used to setup stp priorities for each port
- it is used to view and change stp path associated with each port
- use it to setup stp priorities for each port
- use it to setup and change the stp path associate with each port

101. Which two statements are true regarding the password on a catalyst 3000?

- the switch must have the same password as the stack
- must have a different password than the stack
- you can delete the password by pressing the sys-req button on the back panel during boot
- you can delete the 3000 password by pressing esc+del

102. Once a LEC has established the ATM address of another LEC (via the LES) using an LE_ARP what type of VCC is used to contract the LEC?

- Point to point control direct VCC
- Point to multipoint control distribute VCC
- Point to point data direct VCC

103. When a client first joints an ELAN, it must build a ATM address to Ethernet MAC address table. In which order do the following steps occur?

A. LEC sends LE_ARP to LES (Point to Point VCC)

- B. The LES forwards the response (point to multipoint control distribute) to the LEC
- C. LES forwards LE_ARP to all clients on ELAN (point to multipoint control distribute VCC)
- D. Any client which recognizes the MAC address responds
 - _____

104. which command do you use to enable a lec lane emulation client for the first elan?

- lane client ethernet vlan number elan-name
- enable lec vlan number elan-name
- lane ethernet vlan# elan-name
- enable ethernet lec vlan number elan-name

105. which two statements are true regarding the supervisor engine

- the supervisor engine must be installed in slot 4
- the supervisor engine contains the network management process
- the supervisor engine is the main system process in the switch
- the supervisor engine contains a layer 3 switching engine

106. which two commands allow you to overwrite or erase the switch parameters

- set
- show
- clear
- erase

107. which switching mode eliminates the chances of forwarding collision fragments?

- Store and forward
- Fast forward
- fragmentation free
- Fast forward
- Fast frag and forward

108. Which two statements are true regarding the 2820

- Two high speed expansion slots
- Four high speed expansion slots
- Supports shared memory architecture with a 3mb packet buffer
- Up to 8 vlans allowing ports to be grouped together

109. Which ASIC is on the supervisor III engine and is a gigabit bridge used to create the crossbar fabric?

- Phoenix
- Sage
- Saint
- Samba

110. Which catalyst 5000 switch components is similar to the function of a learning bridge or content addressable memory

- Ltl
- Cbl
- Arbiter

- Earl

111. Which two statements regarding 802.10 vlans are true? (2)

- The 802.10 said identifies traffic as belonging to a particular vlan
- the 6 byte said allows for 4.29 billion distinct lans
- the 802.10 said field is used as a vlan id
- the fddi 802.10 said are associated by the catalyst 5000 ethernet vlan's to create multiple broadcast domains

112. which transceiver type has a maximum distance of 1.2 miles between stations?

- Multimode
- Single mode atm fe
- Single mode Fddi
- Category 5

113. Which two statements are true regarding frame tagging (2)

- Frame tagging is a technique is a technique used to identify frames based on user defined offsets
- Frame tagging assigns a unique user id to each frame
- A filtering table is developed for each switch
- A unique identifier is placed in each frame as it is forwarded through the switching fabric

114. Which two statements regarding demand and resource nodes are true?

- Demand nodes include client applications and terminal services
- Resource nodes include personal computers and workstations
- Network traffic occurs primarily between demand and resource nodes
- Network traffic occurs mainly between resource and resource nodes

115. Which two statements are true regarding cat 5000 switch leds

- Leds flash during startup and turn green once initialization is complete
- An orange light can indicate a problem on some modules
- A purple led indicates failure
- Leds flashing during startup indiciate a lan failure

116. Which switch processor primarily communicates information between nmp and the line module communication processors distributed on the catalyst 5000 line modules.

- Ncp
- Nmp
- Mcp
- Lcp

117. Which two statements are true regarding the lane single mode fiber module?

- The optical source is a laser
- The optical source is a led
- The maximum distance is 2km
- The maximum span is 10km

118. What are the two types of atm addresses?

- Icd
- Pop

- Mcp
- Dcc
- Nfp

119. Which catalyst 5000 product has full supervisor redundancy with a supervisor ii installed

- 5000
- 5002
- 5200
- 5500

120. which statement(s) are true regarding the embedded rmon agent

- the embedded rmon mib supports 4 groups: the statistics, history, alarm, and event group
- rmon lets you monitor traffic from across a vlan to a single port for analysis
- rmon solutions which include vlan director, traffic director, cisco view deliver a management system for growing switch networks
- the rmon is contained in the earl asic

121. which two statements are true regarding configuring fddi port parameters

- the menu for fddi configuration will be available only if you have the fddi module installed
- to display the fddi port configuration press F on the main menu
- the ring status is show at the right of the menu indicates if the module has attached to the ring
- the status has three possible states operation, non-operational, pending

122. which two statements regarding remote resources are true?

- Remote conversation takes place between a demand node and resource node located in different collision domains
- A remote conversation takes place between a demand node and resource node located in the same collision domain
- The measurement of throughput in a remote conversation is determined by the amount of transactions which can take place
- A switch with multiple segments enables multiple remote conversations between nodes in the same collision domain

123. Which two are switch applications?

- Server cluster
- Workstation switch cluster
- 10/100 workgroups
- desktop manager

124. which command sets up a management domain?

- Set vtp
- Set domain
- Set management
- Set client

1) What are the conditions of a password a catalyst 3000?

You can only change the password from the console
 ESC-DEL to clear
 The password must be at least 6 digits
 Must be the same as the catalyst stack

Notes from CLSC Exam:

1. There was a long question about VTP
 2. There was a long question about queuing methods?
Allocated based on messages and conditions was one of the choices
 3. There was a long question about FDDI port parameters? The choices were Menu, Status, Options
 4. There was a long question about Frame Tagging
 5. There was a long question about ATM Addresses? The choices were ICD, POP, NCP, DCC, NFP
- There was a long question about Cut-through techniques? The choices were: store & forward, fast forward, store & free, fast frag & free.