5.1.1	When was the first standard for RIP written?	
5.1.2	What are the key characteristics of RIP?	
5.1.2.2	Why was RIP developed with so many fields left as zeros?	
5.1.3	What are the two message types in the command field?	
5.1.3.2	What information does RIPv1 not send in its updates?	
5.1.4	What is the default administrative distance for RIP?	

	What does the default AD mean when you compare RIP and all other protocols?	
	What are the commands to check the AD?	
5.2.2	What command is used to enable a routing protocol?	
	What command is used to enable RIP as the routing protocol?	
	What is the prompt after you enable the routing protocol?	
	Is the routing protocol started after you enter the router rip command?	

	What is the command to remove the routing protocol?	
5.2.3	What are the two pieces of information that the routing protocol needs to begin operation?	
	What command is used to tell the router the directly connected networks?	
	What is the syntax for the network command?	
	What two things does the network command accomplish?	
	What happens if you enter a classless subnet in RIPv1?	
5.2.3.2	What happens if you enter the	

	host address instead of network address in the network command?	
5.3.1	What are the first two commands that should be used to troubleshoot routing?	
	What command will show the routing information as it happens?	
	What should you check before enabling a routing protocol?	
	What command will display the routing table?	
	For the following questions use this output: R 192.168.5.0/24 [120/2] via 192.168.2.2, 00:00:23, Serial0/0/0	
	What does the R mean?	

	What is 192.168.5.0	
	What is 120?	
	What is the 2?	
	What is 192.168.2.2?	
	What is 00:00:23?	
	What is Serial0/0/0?	

5.3.2	What RIP parameters can be confirmed with the show ip protocols command?	
5.3.3	What are the three most common problems with RIP configuration?	
	What command will display RIP routing updates as they are sent and received?	
	What two commands will turn off the debugging process?	
5.3.4	What are the ways in which unnecessary routing updates impact a network?	
	List the command that prevents the transmission of routing updates through a router interface but still allows that network to be advertised to other routers.	
5.4.1.2	What does RIP do if you enter a classless ip address after the	

	network command?	
	What happens if you enter a subnet on the certification exam?	
5.4.2	What happens when an update reaches the boundary router?	
5.4.3	What are the two rules that govern RIPv1 updates?	
	What subnets are RIPv1 routers limited to?	
5.4.5	What are the advantages of automatic summarization?	
5.4.5.4-5	What is the result of auto summarization of routes when the network tries to converge?	

5.5.1	What is the command to send all the traffic to the port that goes to the Internet?	
5.5.2	What command can you enter to specify that this router is to originate default information, by propagating the static default route in RIP updates?	
	Why would you automatically distribute a default route instead of configuring it manually?	