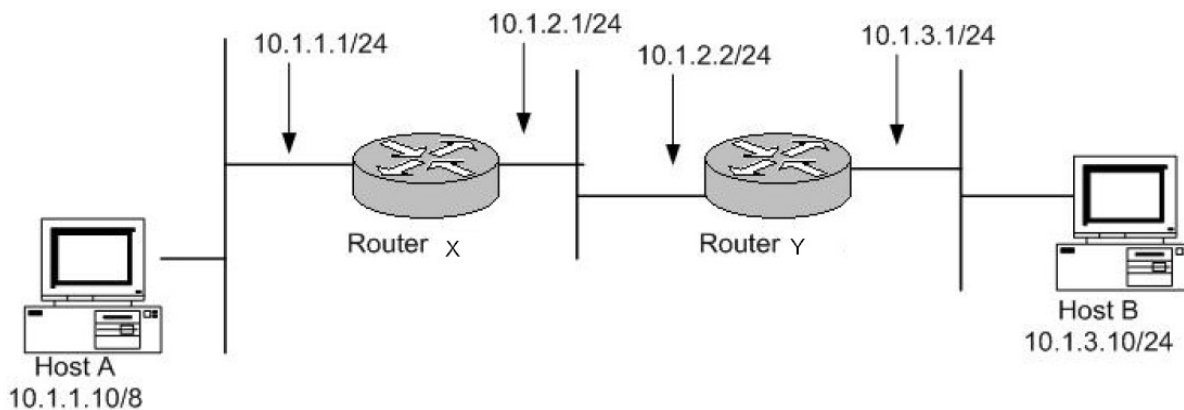


CCNA Quiz

name: \_\_\_\_\_

- \_\_\_\_\_1. Which of the following protocols is Layer 7 (A)ICMP (B)HTTP (C)ARP (D)TCP
- \_\_\_\_\_2. Which of the following is considered Layer 1 device? (A)hub (B)switch (C)router (D)web server
- \_\_\_\_\_3. If two computers are to be connected directly by the network cards, what kind of cable should be used? (A)straight-through (B)cross-over (C)roll-over (D)TIA568B
- \_\_\_\_\_4. Which of the following is private IP address (A)192.168.1.1 (B)172.32.1.1 (C) 192.186.1.1
- \_\_\_\_\_5. There are two layer 2 switches connected by trunk ports. Both of them have ports associated with “VLAN 10” and “VLAN 20”. Which statement is true?  
(A)hosts connected to “VLAN 10” ports on one switch can communicate with hosts connected to “VLAN 10” ports on the other switch  
(B)hosts on “VLAN 10” ports can communicate with hosts on “VLAN 20” ports on the same switch  
(C) hosts on “VLAN 10” ports can communicate with hosts on “VLAN 20” ports on the other switch
- \_\_\_\_\_6. How many IP addresses can be assigned to a host (including network devices) in 10.0.0.0/24 subnet? (A)126 (B)254 (C)510 (D)1022
- \_\_\_\_\_7. Subnet mask 255.192.0.0 can be denoted by (A) /8 (B) /9 (C) /10 (D) /11
- \_\_\_\_\_8. What is the broadcast address of 1.1.1.0/30? (A)1.1.1.1 (B)1.1.1.2 (C)1.1.1.3 (D)1.1.1.4
- \_\_\_\_\_9. Which of the following is used as “last resort” in the routing table? (A)dynamic route (B)static route (C)default route (D)policy route
- \_\_\_\_\_10. If a route to the same destination is learned by the following means simultaneously, which one gets to be put onto the routing table? (A)RIP (B)EIGRP (C)OSPF (D)static
- \_\_\_\_\_11. If the ACL “access-list 10 permit 10.0.0.0 0.63.255.255” is applied to all interfaces, inbound and outbound, what will happen to the traffic from 10.64.1.1? (A)denied (B)permitted
- \_\_\_\_\_12. Which command selects where to find the boot image? (A)router rip (B)boot system (C)config-register (D)class-map

- \_\_\_\_\_ 13. Which command shows configuration register? (A)show version (B)show running-config (C)show flash (D)show ip route
- \_\_\_\_\_ 14. Which one is link state routing protocol? (A)RIP (B)IGRP (C)OSPF (D)BGP
- \_\_\_\_\_ 15. What is the hop limit of RIP? (A) 15 (B) 63 (C) 127 (D) 255
- \_\_\_\_\_ 16. Which of the following is not an IGP? (A)RIP (B)EIGRP (C)OSPF (D)BGP
- \_\_\_\_\_ 17. Frame Relay interface bandwidth should be set to (A)CIR (B)Bc (C)Be (D)line speed
- \_\_\_\_\_ 18. In America, how many D channels does T1 ISDN PRI have? (A)30 (B)23 (C)64 (D)2
- \_\_\_\_\_ 19. Which one sends clear text password? (A)PAP (B)CHAP (C)SSH (D)IP-Sec
- \_\_\_\_\_ 20. Which of the following maps IP addresses between inside and outside space of an interface? (A)DHCP (B)CIDR (C)ARP (D)NAT
- \_\_\_\_\_ 21. How does proxy arp work? Proxy arp is enabled by default. It is disabled on all interfaced in the following diagram.



Which of the following is required to enable Host A to send packets to Host B? (choose two)

- A. Host A must have a default gateway address of 10.1.1.1.
- B. Host B must have a default gateway address of 10.1.3.1.
- C. Proxy ARP must be enabled on Router X.
- D. Proxy ARP must be enabled on Router Y.