CompTIA Network+ Domain 1.0 Test
Brought to you by www.RMRoberts.com

Domain 1 Network Technologies makes up approximately 20 percent of the certification questions. Below questions 1 – 20 are designed to simulate that portion of the actual CompTIA Network+ certification test. This test should not take more than 30 minutes.

1. Which network identification method is configured at the network adapter manufacturer?
A. IPv4 static address
B. MAC address
C. Logical address
D. Ipv6 static address

2. What is the main purpose of IMAP3?
A. To download Web page content.
B. To download e-mail messages.
C. To upload secure file contents.
D. To download secure file contents.

3. Which is the correct subnet mask for a Class B network?
A. 000.000.255.255
B. 255.000.000.000
C. 255.255.000.000
D. 000.255.255.000

4. Which is the correct example of a class A IPv4 network address?
A. 17.12.23.1
B. 145.62.12.4
C. 205.10.45.33
D. 102.42.5.12

5. Which protocol matches the logical network address to the physical network address in an IPv4 Ethernet environment?
A. NetBEUI
B. FTP
C. NTP
D. ARP

6. Which two protocols are commonly used to support VoIP services? (Select two.)
A. FTP
B. SIP
C. IMAP
D. RTP

7. Which protocol is used to support IPv4 ping request?
A. RTP
B. WPA
C. PPP
D. ICMP

8. Which two port numbers are associated with FTP? (Select two.)
A. 21
B. 22
C. 23
D. 24

9. Which port number would you open on a firewall to support SMTP e-mail transactions?
A. 23
B. 25
C. 110
D. 143

10. There is a problem resolving domain names to IPv4 addresses on a local network. Which type of server or service would most likely be directly related to the problem?
A. SMTP
B. DNS
C. DHCP
D. WINS

11. Which port number is used to support unsecure webpage transactions?
A. 25
B. 123
C. 80
D. 443

12. Which port number is used to support BOOTPS/DHCP?
A. 67
B. 110
C. 443
D. 3380

13. Which port number is used to support TFTP?
A. 20
B. 56
C. 443
D. 69

14. Which is an example of a UDP port assignment?
A. 20
B. 110
C. 143
D. 53

15. Which is an example of APIPA?
A. 192.168.0.1
B. 10.0.0.1
C. 169.254.23.143
D. 255.255.255.254

16. Which is an example of an IPv6 address?
A. F2 DE 3A 12 F1 25
B. 2008::12bc:1050:12fc
C. 192.168.23.1
D. 255.255.DF.123

17. Which is an example of a public IPv4 address?
A. 10.0.12.200
B. 192.168.7.23
C. 54.23.1.123
D. 172.16.0.5

18. Which type of network address technology is used to share a single IPv4 public address?
A. 6to4
B. NAT
C. FTP
D. PPTP

19. Which address scheme is designed to send a packet to a select group of computers?
A. Unicast
B. Multicast
C. Broadcast
D. Nullcast

20. What frequency is utilized by 802.11g devices?
A. 5 GHz
B. 5 MHz
C. 2.4 GHz
D. 2.4 MHz

Answers

1. Which network identification method is configured at the network adapter manufacturer?   *B. MAC address*
2. What is the main purpose of IMAP3?   *B. To download e-mail messages.*
3. Which is the correct subnet mask for a Class B network?   *C. 255.255.000.000*
4. Which is the correct example of a class A IPv4 network address?   *A. 17.12.23.1*
5. Which protocol matches the logical network address to the physical network address in an IPv4 Ethernet environment?   *D. ARP*
6. Which two protocols are commonly used to support VoIP services?
B. SIP and D. RTP
7. Which protocol is used to support IPv4 ping request?   *D. ICMP*
8. Which two port numbers are associated with FTP? (Select two.)   *A. 20 and B. 21*
9. Which port number would you open on a firewall to support SMTP e-mail transactions?   *B. 25*
10. There is a problem resolving domain names to IPv4 addresses on a local network. Which type of server or service would most likely be directly related to the problem? B. DNS
11. Which port number is used to support unsecure webpage transactions?   *C. 80*
12. Which port number is used to support BOOTPS/DHCP?   *A. 67*
13. Which port number is used to support TFTP?   *D. 69*
14. Which is an example of a UDP port assignment?   *D. 53*
15. Which is an example of APIPA?   *C. 169.254.23.143*
16. Which is an example of an IPv6 address?   *B. 2008::12bc:1050:12fc*
17. Which is an example of a public IPv4 address?   *C. 54.23.1.123*
18. Which type of network address technology is used to share a single IPv4 public address?   *B. NAT*
19. Which address scheme is designed to send a packet to a select group of computers?   *B. Multicast*
20. What frequency is utilized by 802.11g devices?   *C. 2.4 GHz*

Visit www.RMRoberts.com for more CompTIA Network+ Practice Tests.