

CompTIA Network+ Domain 1.0 Test

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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. 21 and B. 22*
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*

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