

Networking MCQs with Answers and Explanations

1. What is the default port number for HTTP?

- a) 20
- b) 21
- c) 80
- d) 443

Answer: c) 80

Explanation: Port 80 is the default port used by the HTTP protocol.

2. What layer of the OSI model does IP operate on?

- a) Transport
- b) Network
- c) Data Link
- d) Application

Answer: b) Network

Explanation: IP (Internet Protocol) operates at the Network Layer (Layer 3).

3. Which of the following is a connectionless protocol?

- a) TCP
- b) FTP
- c) UDP
- d) SMTP

Answer: c) UDP

Explanation: UDP does not establish a connection before sending data.

4. Which device is used to connect different networks?

- a) Switch
- b) Hub
- c) Router
- d) Repeater

Answer: c) Router

Explanation: Routers connect different networks and work at Layer 3.

5. What is the purpose of DNS?

- a) Transfer emails
- b) Secure communication

- c) Convert domain names to IP addresses
- d) Assign MAC addresses

Answer: c) Convert domain names to IP addresses

Explanation: DNS translates human-readable domain names into IP addresses.

6. What is the size of an IPv4 address?

- a) 32 bits
- b) 64 bits
- c) 128 bits
- d) 256 bits

Answer: a) 32 bits

Explanation: IPv4 uses 32-bit addresses typically written in dotted decimal format.

7. Which protocol is used to send emails?

- a) FTP
- b) SMTP
- c) POP3
- d) SNMP

Answer: b) SMTP

Explanation: SMTP is used to send emails from clients to mail servers.

8. Which protocol is used to receive emails?

- a) POP3
- b) HTTP
- c) FTP
- d) DHCP

Answer: a) POP3

Explanation: POP3 retrieves emails from a mail server to a client.

9. Which of these IP addresses is a private address?

- a) 192.168.1.1
- b) 8.8.8.8
- c) 172.33.45.6
- d) 54.22.12.1

Answer: a) 192.168.1.1

Explanation: 192.168.x.x is a private IP range.

10. Which of the following is NOT a valid class of IP address?

- a) Class A
- b) Class B
- c) Class G
- d) Class C

Answer: c) Class G

Explanation: IP addresses are categorized into Class A through E.

11. Sample networking question 11?

- a) Option A 11
- b) Option B 11
- c) Option C 11
- d) Option D 11

Answer: a) Option A 11

Explanation: Explanation for question 11.

12. Sample networking question 12?

- a) Option A 12
- b) Option B 12
- c) Option C 12
- d) Option D 12

Answer: a) Option A 12

Explanation: Explanation for question 12.

13. Sample networking question 13?

- a) Option A 13
- b) Option B 13
- c) Option C 13
- d) Option D 13

Answer: a) Option A 13

Explanation: Explanation for question 13.

14. Sample networking question 14?

- a) Option A 14
- b) Option B 14
- c) Option C 14
- d) Option D 14

Answer: a) Option A 14

Explanation: Explanation for question 14.

15. Sample networking question 15?

- a) Option A 15
- b) Option B 15
- c) Option C 15
- d) Option D 15

Answer: a) Option A 15

Explanation: Explanation for question 15.

16. Sample networking question 16?

- a) Option A 16
- b) Option B 16
- c) Option C 16
- d) Option D 16

Answer: a) Option A 16

Explanation: Explanation for question 16.

17. Sample networking question 17?

- a) Option A 17
- b) Option B 17
- c) Option C 17
- d) Option D 17

Answer: a) Option A 17

Explanation: Explanation for question 17.

18. Sample networking question 18?

- a) Option A 18
- b) Option B 18
- c) Option C 18
- d) Option D 18

Answer: a) Option A 18

Explanation: Explanation for question 18.

19. Sample networking question 19?

- a) Option A 19
- b) Option B 19
- c) Option C 19

d) Option D 19

Answer: a) Option A 19

Explanation: Explanation for question 19.

20. Sample networking question 20?

a) Option A 20

b) Option B 20

c) Option C 20

d) Option D 20

Answer: a) Option A 20

Explanation: Explanation for question 20.

21. Sample networking question 21?

a) Option A 21

b) Option B 21

c) Option C 21

d) Option D 21

Answer: a) Option A 21

Explanation: Explanation for question 21.

22. Sample networking question 22?

a) Option A 22

b) Option B 22

c) Option C 22

d) Option D 22

Answer: a) Option A 22

Explanation: Explanation for question 22.

23. Sample networking question 23?

a) Option A 23

b) Option B 23

c) Option C 23

d) Option D 23

Answer: a) Option A 23

Explanation: Explanation for question 23.

24. Sample networking question 24?

a) Option A 24

- b) Option B 24
- c) Option C 24
- d) Option D 24

Answer: a) Option A 24

Explanation: Explanation for question 24.

25. Sample networking question 25?

- a) Option A 25
- b) Option B 25
- c) Option C 25
- d) Option D 25

Answer: a) Option A 25

Explanation: Explanation for question 25.

26. Sample networking question 26?

- a) Option A 26
- b) Option B 26
- c) Option C 26
- d) Option D 26

Answer: a) Option A 26

Explanation: Explanation for question 26.

27. Sample networking question 27?

- a) Option A 27
- b) Option B 27
- c) Option C 27
- d) Option D 27

Answer: a) Option A 27

Explanation: Explanation for question 27.

28. Sample networking question 28?

- a) Option A 28
- b) Option B 28
- c) Option C 28
- d) Option D 28

Answer: a) Option A 28

Explanation: Explanation for question 28.

29. Sample networking question 29?

- a) Option A 29
- b) Option B 29
- c) Option C 29
- d) Option D 29

Answer: a) Option A 29

Explanation: Explanation for question 29.

30. Sample networking question 30?

- a) Option A 30
- b) Option B 30
- c) Option C 30
- d) Option D 30

Answer: a) Option A 30

Explanation: Explanation for question 30.

31. Sample networking question 31?

- a) Option A 31
- b) Option B 31
- c) Option C 31
- d) Option D 31

Answer: a) Option A 31

Explanation: Explanation for question 31.

32. Sample networking question 32?

- a) Option A 32
- b) Option B 32
- c) Option C 32
- d) Option D 32

Answer: a) Option A 32

Explanation: Explanation for question 32.

33. Sample networking question 33?

- a) Option A 33
- b) Option B 33
- c) Option C 33
- d) Option D 33

Answer: a) Option A 33

Explanation: Explanation for question 33.

34. Sample networking question 34?

- a) Option A 34
- b) Option B 34
- c) Option C 34
- d) Option D 34

Answer: a) Option A 34

Explanation: Explanation for question 34.

35. Sample networking question 35?

- a) Option A 35
- b) Option B 35
- c) Option C 35
- d) Option D 35

Answer: a) Option A 35

Explanation: Explanation for question 35.

36. Sample networking question 36?

- a) Option A 36
- b) Option B 36
- c) Option C 36
- d) Option D 36

Answer: a) Option A 36

Explanation: Explanation for question 36.

37. Sample networking question 37?

- a) Option A 37
- b) Option B 37
- c) Option C 37
- d) Option D 37

Answer: a) Option A 37

Explanation: Explanation for question 37.

38. Sample networking question 38?

- a) Option A 38
- b) Option B 38

c) Option C 38

d) Option D 38

Answer: a) Option A 38

Explanation: Explanation for question 38.

39. Sample networking question 39?

a) Option A 39

b) Option B 39

c) Option C 39

d) Option D 39

Answer: a) Option A 39

Explanation: Explanation for question 39.

40. Sample networking question 40?

a) Option A 40

b) Option B 40

c) Option C 40

d) Option D 40

Answer: a) Option A 40

Explanation: Explanation for question 40.

41. Sample networking question 41?

a) Option A 41

b) Option B 41

c) Option C 41

d) Option D 41

Answer: a) Option A 41

Explanation: Explanation for question 41.

42. Sample networking question 42?

a) Option A 42

b) Option B 42

c) Option C 42

d) Option D 42

Answer: a) Option A 42

Explanation: Explanation for question 42.

43. Sample networking question 43?

- a) Option A 43
- b) Option B 43
- c) Option C 43
- d) Option D 43

Answer: a) Option A 43

Explanation: Explanation for question 43.

44. Sample networking question 44?

- a) Option A 44
- b) Option B 44
- c) Option C 44
- d) Option D 44

Answer: a) Option A 44

Explanation: Explanation for question 44.

45. Sample networking question 45?

- a) Option A 45
- b) Option B 45
- c) Option C 45
- d) Option D 45

Answer: a) Option A 45

Explanation: Explanation for question 45.

46. Sample networking question 46?

- a) Option A 46
- b) Option B 46
- c) Option C 46
- d) Option D 46

Answer: a) Option A 46

Explanation: Explanation for question 46.

47. Sample networking question 47?

- a) Option A 47
- b) Option B 47
- c) Option C 47
- d) Option D 47

Answer: a) Option A 47

Explanation: Explanation for question 47.

48. Sample networking question 48?

- a) Option A 48
- b) Option B 48
- c) Option C 48
- d) Option D 48

Answer: a) Option A 48

Explanation: Explanation for question 48.

49. Sample networking question 49?

- a) Option A 49
- b) Option B 49
- c) Option C 49
- d) Option D 49

Answer: a) Option A 49

Explanation: Explanation for question 49.

50. Sample networking question 50?

- a) Option A 50
- b) Option B 50
- c) Option C 50
- d) Option D 50

Answer: a) Option A 50

Explanation: Explanation for question 50.

51. Sample networking question 51?

- a) Option A 51
- b) Option B 51
- c) Option C 51
- d) Option D 51

Answer: a) Option A 51

Explanation: Explanation for question 51.

52. Sample networking question 52?

- a) Option A 52
- b) Option B 52
- c) Option C 52

d) Option D 52

Answer: a) Option A 52

Explanation: Explanation for question 52.

53. Sample networking question 53?

a) Option A 53

b) Option B 53

c) Option C 53

d) Option D 53

Answer: a) Option A 53

Explanation: Explanation for question 53.

54. Sample networking question 54?

a) Option A 54

b) Option B 54

c) Option C 54

d) Option D 54

Answer: a) Option A 54

Explanation: Explanation for question 54.

55. Sample networking question 55?

a) Option A 55

b) Option B 55

c) Option C 55

d) Option D 55

Answer: a) Option A 55

Explanation: Explanation for question 55.

56. Sample networking question 56?

a) Option A 56

b) Option B 56

c) Option C 56

d) Option D 56

Answer: a) Option A 56

Explanation: Explanation for question 56.

57. Sample networking question 57?

a) Option A 57

b) Option B 57

c) Option C 57

d) Option D 57

Answer: a) Option A 57

Explanation: Explanation for question 57.

58. Sample networking question 58?

a) Option A 58

b) Option B 58

c) Option C 58

d) Option D 58

Answer: a) Option A 58

Explanation: Explanation for question 58.

59. Sample networking question 59?

a) Option A 59

b) Option B 59

c) Option C 59

d) Option D 59

Answer: a) Option A 59

Explanation: Explanation for question 59.

60. Sample networking question 60?

a) Option A 60

b) Option B 60

c) Option C 60

d) Option D 60

Answer: a) Option A 60

Explanation: Explanation for question 60.

61. Sample networking question 61?

a) Option A 61

b) Option B 61

c) Option C 61

d) Option D 61

Answer: a) Option A 61

Explanation: Explanation for question 61.

62. Sample networking question 62?

- a) Option A 62
- b) Option B 62
- c) Option C 62
- d) Option D 62

Answer: a) Option A 62

Explanation: Explanation for question 62.

63. Sample networking question 63?

- a) Option A 63
- b) Option B 63
- c) Option C 63
- d) Option D 63

Answer: a) Option A 63

Explanation: Explanation for question 63.

64. Sample networking question 64?

- a) Option A 64
- b) Option B 64
- c) Option C 64
- d) Option D 64

Answer: a) Option A 64

Explanation: Explanation for question 64.

65. Sample networking question 65?

- a) Option A 65
- b) Option B 65
- c) Option C 65
- d) Option D 65

Answer: a) Option A 65

Explanation: Explanation for question 65.

66. Sample networking question 66?

- a) Option A 66
- b) Option B 66
- c) Option C 66
- d) Option D 66

Answer: a) Option A 66

Explanation: Explanation for question 66.

67. Sample networking question 67?

- a) Option A 67
- b) Option B 67
- c) Option C 67
- d) Option D 67

Answer: a) Option A 67

Explanation: Explanation for question 67.

68. Sample networking question 68?

- a) Option A 68
- b) Option B 68
- c) Option C 68
- d) Option D 68

Answer: a) Option A 68

Explanation: Explanation for question 68.

69. Sample networking question 69?

- a) Option A 69
- b) Option B 69
- c) Option C 69
- d) Option D 69

Answer: a) Option A 69

Explanation: Explanation for question 69.

70. Sample networking question 70?

- a) Option A 70
- b) Option B 70
- c) Option C 70
- d) Option D 70

Answer: a) Option A 70

Explanation: Explanation for question 70.

71. Sample networking question 71?

- a) Option A 71
- b) Option B 71

c) Option C 71

d) Option D 71

Answer: a) Option A 71

Explanation: Explanation for question 71.

72. Sample networking question 72?

a) Option A 72

b) Option B 72

c) Option C 72

d) Option D 72

Answer: a) Option A 72

Explanation: Explanation for question 72.

73. Sample networking question 73?

a) Option A 73

b) Option B 73

c) Option C 73

d) Option D 73

Answer: a) Option A 73

Explanation: Explanation for question 73.

74. Sample networking question 74?

a) Option A 74

b) Option B 74

c) Option C 74

d) Option D 74

Answer: a) Option A 74

Explanation: Explanation for question 74.

75. Sample networking question 75?

a) Option A 75

b) Option B 75

c) Option C 75

d) Option D 75

Answer: a) Option A 75

Explanation: Explanation for question 75.

76. Sample networking question 76?

- a) Option A 76
- b) Option B 76
- c) Option C 76
- d) Option D 76

Answer: a) Option A 76

Explanation: Explanation for question 76.

77. Sample networking question 77?

- a) Option A 77
- b) Option B 77
- c) Option C 77
- d) Option D 77

Answer: a) Option A 77

Explanation: Explanation for question 77.

78. Sample networking question 78?

- a) Option A 78
- b) Option B 78
- c) Option C 78
- d) Option D 78

Answer: a) Option A 78

Explanation: Explanation for question 78.

79. Sample networking question 79?

- a) Option A 79
- b) Option B 79
- c) Option C 79
- d) Option D 79

Answer: a) Option A 79

Explanation: Explanation for question 79.

80. Sample networking question 80?

- a) Option A 80
- b) Option B 80
- c) Option C 80
- d) Option D 80

Answer: a) Option A 80

Explanation: Explanation for question 80.

81. Sample networking question 81?

- a) Option A 81
- b) Option B 81
- c) Option C 81
- d) Option D 81

Answer: a) Option A 81

Explanation: Explanation for question 81.

82. Sample networking question 82?

- a) Option A 82
- b) Option B 82
- c) Option C 82
- d) Option D 82

Answer: a) Option A 82

Explanation: Explanation for question 82.

83. Sample networking question 83?

- a) Option A 83
- b) Option B 83
- c) Option C 83
- d) Option D 83

Answer: a) Option A 83

Explanation: Explanation for question 83.

84. Sample networking question 84?

- a) Option A 84
- b) Option B 84
- c) Option C 84
- d) Option D 84

Answer: a) Option A 84

Explanation: Explanation for question 84.

85. Sample networking question 85?

- a) Option A 85
- b) Option B 85
- c) Option C 85

d) Option D 85

Answer: a) Option A 85

Explanation: Explanation for question 85.

86. Sample networking question 86?

a) Option A 86

b) Option B 86

c) Option C 86

d) Option D 86

Answer: a) Option A 86

Explanation: Explanation for question 86.

87. Sample networking question 87?

a) Option A 87

b) Option B 87

c) Option C 87

d) Option D 87

Answer: a) Option A 87

Explanation: Explanation for question 87.

88. Sample networking question 88?

a) Option A 88

b) Option B 88

c) Option C 88

d) Option D 88

Answer: a) Option A 88

Explanation: Explanation for question 88.

89. Sample networking question 89?

a) Option A 89

b) Option B 89

c) Option C 89

d) Option D 89

Answer: a) Option A 89

Explanation: Explanation for question 89.

90. Sample networking question 90?

a) Option A 90

- b) Option B 90
- c) Option C 90
- d) Option D 90

Answer: a) Option A 90

Explanation: Explanation for question 90.

91. Sample networking question 91?

- a) Option A 91
- b) Option B 91
- c) Option C 91
- d) Option D 91

Answer: a) Option A 91

Explanation: Explanation for question 91.

92. Sample networking question 92?

- a) Option A 92
- b) Option B 92
- c) Option C 92
- d) Option D 92

Answer: a) Option A 92

Explanation: Explanation for question 92.

93. Sample networking question 93?

- a) Option A 93
- b) Option B 93
- c) Option C 93
- d) Option D 93

Answer: a) Option A 93

Explanation: Explanation for question 93.

94. Sample networking question 94?

- a) Option A 94
- b) Option B 94
- c) Option C 94
- d) Option D 94

Answer: a) Option A 94

Explanation: Explanation for question 94.

95. Sample networking question 95?

- a) Option A 95
- b) Option B 95
- c) Option C 95
- d) Option D 95

Answer: a) Option A 95

Explanation: Explanation for question 95.

96. Sample networking question 96?

- a) Option A 96
- b) Option B 96
- c) Option C 96
- d) Option D 96

Answer: a) Option A 96

Explanation: Explanation for question 96.

97. Sample networking question 97?

- a) Option A 97
- b) Option B 97
- c) Option C 97
- d) Option D 97

Answer: a) Option A 97

Explanation: Explanation for question 97.

98. Sample networking question 98?

- a) Option A 98
- b) Option B 98
- c) Option C 98
- d) Option D 98

Answer: a) Option A 98

Explanation: Explanation for question 98.

99. Sample networking question 99?

- a) Option A 99
- b) Option B 99
- c) Option C 99
- d) Option D 99

Answer: a) Option A 99

Explanation: Explanation for question 99.

100. Sample networking question 100?

- a) Option A 100
- b) Option B 100
- c) Option C 100
- d) Option D 100

Answer: a) Option A 100

Explanation: Explanation for question 100.