

SESSION 6 – IPv4, IPv6, OpenSSH, VNC & Network Authentication (40 MCQs)

Q1. What is an IP address?

- A. A device password
- B. A unique network identifier
- C. A type of cable
- D. A firewall rule

Q2. IPv4 address length is:

- A. 16-bit
- B. 32-bit
- C. 64-bit
- D. 128-bit

Q3. Which is a valid IPv4 address?

- A. 2001:db8::1
- B. 256.10.1.1
- C. 192.168.1.1
- D. AB12::45

Q4. IPv6 was introduced mainly because:

- A. IPv4 is faster
- B. IPv4 is insecure
- C. IPv4 addresses were exhausted
- D. IPv4 cannot route

Q5. IPv6 address uses:

- A. Numbers only
- B. Letters only
- C. Numbers and letters
- D. Symbols only

ANSWER KEY

Q1 — B

Q2 — B

Q3 — C

Q4 — C

Q5 — C