Question-9:

Configuring a Basic LAN Interface Using ip Command

1. **Check Available Network Interfaces**

   ip link show

2. **Bring the Network Interface Up**

   ip link set eth0 up

3. **Assign a Static IP Address**

   ip addr add 192.168.1.100/24 dev eth0

4. **Configure the Default Gateway**

   ip route add default via 192.168.1.1

5. **Verify Network Configuration**

   ip addr show eth0