**Pre/Post Assessment**

Instructions: Define the following terms.

1. Local area network (LAN)
2. Subnet
3. CIDR notation
4. OSI Layer 3
5. Podman container
6. IP address
7. Windows Subsystem for Linux (WSL2)
8. Windows PowerShell
9. Linux Terminal
10. Linux root
11. Linux sudo
12. Podman Desktop
13. Hydra
14. Maskprocessor (mp64)
15. Advanced Package Tool (APT)
16. Medusa
17. Wordlists
18. Plocate
19. Grok
20. Gemini
21. dCode
22. Language Learning Models (LLMs)
23. Subnet Ninja
24. Explain the difference between the Metasploit Framework and Metasploitable2.
25. Explain the difference between a virtual machine and container.
26. Highlight the difference between a wordlist used for password cracking and a dictionary.
27. Explain the cryptographic connection between passwords and hashes.