*Module: 13- Networking with Windows Server*

1. **Discuss the role of Windows Firewall in Windows Server and how to configure it**

**Ans- Windows Firewall in Windows Server provides network traffic filtering and security by controlling inbound and outbound connections; configure it through the Control Panel or PowerShell commands**

1. **What is Network Address Translation (NAT) in Windows Server, and how do you configure it**

**Ans- Network Address Translation (NAT) in Windows Server allows multiple devices within a local network to share a single external IP address; configure it using the Routing and Remote Access Service (RRAS) management console**

1. **Explain the concept of Dynamic Host Configuration Protocol (DHCP) and how to configure it in Windows Server 2016**

**Ans- Dynamic Host Configuration Protocol (DHCP) in Windows Server 2016 automatically assigns IP addresses and network configuration settings to devices on a network; configure it through the DHCP management console in Server Manager**

1. **Describe the process of configuring DNS (Domain Name System) in Windows Server**

**Ans- Configure DNS in Windows Server by installing the DNS Server role and creating DNS zones to resolve domain names to IP addresses**

1. **What is Server Manager, and how do you use it to manage servers in Windows Server**

**Ans- Server Manager in Windows Server is a management tool that allows centralized administration of server roles, features, and settings across multiple servers through a single interface**

1. **Discuss the role of Remote Desktop Services (RDS) in Windows Server 2016 or 2019 and how to configure it**

**Ans- Remote Desktop Services (RDS) in Windows Server 2016/2019 enables remote access to applications and desktops for users; configure it through Server Manager by installing the Remote Desktop Services role and configuring RemoteApp programs or full desktop sessions**