

These ten illustrative items to familiarize students with the exam formats (True/False, Multiple-Choice, Matching, Short-Answer).

Q1 – True/False

1. **Windows Admin Center** requires a full graphical user interface (GUI) on the remote server to function.
2. Enabling **Secure Boot** for a Hyper-V virtual machine blocks the startup of operating systems that lack a valid digital signature.
3. Adopting **Just Enough Administration (JEA)** shrinks the attack surface by restricting available PowerShell cmdlets for administrators.

Term	Description
7. Desired State Configuration (DSC)	A. Replicates virtual machines between hosts for disaster recovery B. PowerShell-based framework for declaring target server configurations C. Aggregates local disks into a fault-tolerant, highly available storage pool
8. Hyper-V Replica	
9. Storage Spaces Direct	

Q2 – Multiple Choice

Select the single best answer.

4. Which prerequisite is **not** mandatory before promoting a member server to a **Read-Only Domain Controller (RODC)**?
A. A trusted internal DNS source
B. A writable DC in the same site
C. An up-to-date AD schema
D. A configured Trusted Platform Module (TPM)
5. Which Windows Server 2025 capability enforces Zero-Trust principles through continuous verification and conditional access to applications?
A. Conditional Access
B. Privileged Access Workstations
C. Microsoft Entra ID Protection
D. AppLocker
6. When **NIC Teaming** is set to *Switch-Independent / Dynamic*, what is the primary advantage?
A. Lower DNS latency
B. Load balancing without switch dependency
C. Automatic creation of an isolated network
D. Default VLAN trunking

Q4 – Short Answer

10. **Group Managed Service Accounts (gMSA)**: Identify **two** advantages of gMSA versus traditional service accounts.
11. Explain—in one or two sentences—how the **Defense-in-Depth** model mitigates ransomware exposure on an internal file server.
12. After launching an **EC2 Windows Server** instance, list **two critical steps** to align it with **CIS Benchmarks** immediately.

Q3 – Matching

Match each term to its corresponding description.