1. **List the NTFS over FAT advantages:**
2. ??
3. ??
4. ??
5. ??
6. ??
7. **Explain the pros and cons of MBR and GPT.**

|  |  |
| --- | --- |
| MBR | GPT |
|  |  |
|  |  |
|  |  |
|  |  |

1. **What is Basic disk and Dynamic Disk and the difference:**
2. Basic Disk = ??
3. Dynamic disk = ??
4. Difference between the two = ??
5. **What is RAID and what is RAID-0, RAID-1 & RAID-5.**
6. RAID = ??
7. RAID-0 = ??
8. RAID-1 = ??
9. RAID-5 = ??
10. **Explain each of the following Volume Types:**
    1. Simple Volume = ??
    2. Spanned Volume = ??
    3. Striped Volume = ??
    4. Mirrored Volume = ??
    5. RAID-5 Volume = ??
11. **What is NAS and what is SAN and explain the difference?**
12. NAS = ??
13. SAN = ??
14. Difference between the two = ??
15. **Explain the pros and cons of Fixed Size vs. Dynamically Expanding VHD.**

|  |  |
| --- | --- |
| Fixed Size | Dynamically Expanding |
|  |  |
|  |  |
|  |  |
|  |  |

1. **Create a 100MB VHD and Mount as drive Z: – must use Disk Management tool (screen-1).**

??

1. **Create a 100MB VHD and Mount to an empty folder C:\Data – must use Disk Management tool (screen-1).**

??

1. **In your own words, why would an enterprise choose to use Storage Pools?**

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