1. **What is Kerberos authentication? At a high-level, how does it work?**

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1. **What is a SID and how does Windows use SIDs?**

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1. **What does Inheritance Permissions mean?**

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1. **Explain what ACL and ACE are and why are they important?**
2. ACL = ??
3. ACE = ??
4. Importance = ??
5. **What is Effective Permission and why do we need it?**

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1. **Why is the NTFS Deny permission so powerful?**

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1. **What is NTFS disk Quota?**

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1. **What is SMB, CIFS and NFS?**
2. SMB = ??
3. CIFS = ??
4. NFS = ??
5. **Create a C:\ProjectX folder, remove all inheritance permission, give yourself (admin) Full Control and everyone Read Only access – multiple permissions (screen-1). What permissions do Authenticated Users have to C:\ProjectX?**

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1. **Share the C:\ProjectX folder using basic sharing and give everyone group Read/Write access (screen-1). Check the C:\ProjectX ACL (screen-2). What permission does everyone has to ProjectX? Why?**

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1. **Change the C:\ProjectX folder permission so everyone has Read Only access and change the Shared folder permission so Everyone has Read/Write - must use Advanced configuration. (show screens). What permission does everyone has through the shared folder? Why?**

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