**Tilak Maharashtra Vidyapeeth, Pune**

**BACHELOR OF COMPUTER APPLICATION (BCA-CC & CS)**

**Windows Server 2019 Marks:40**

1. List the different OS variants based on the 4 classification categories of OS. (1 Marks)
2. List the various new security features in Server 2019. (1 Marks)
3. List the different Windows server 2019 editions. (1 Marks)
4. What is Server Core? (1 Marks)
5. Differences between an in-place upgrade and server migrations. (1 Marks)
6. What are the new features and improvements introduced in Windows Server 2019? (1 Marks)
7. Explain different solution Accelerators for upgrading and migration. (1 Marks)
8. Define the differences between ReFS and NTFS. (1 Marks)
9. List the PowerShell commands to manage a Disk and volume. (1 Marks)
10. What is RAID and its levels? (1 Marks)
11. Define the differences between DAS, NAS and SAN. (1 Marks)
12. Define the iSCSI and its components. (1 Marks)
13. What is iSNS and its advantages? (1 Marks)
14. What is fiber channel and factors need to be considered for implementing Fiber channel? (1 Marks)
15. Explain storage spaces and other storage solutions. (1 Marks)
16. What are the new features of file and storage services of windows server 2019? (1 Marks)
17. List the new Hyper-V host features in Windows Server 2019. (1 Marks)
18. What is nested virtualization? (1 Marks)
19. Define the consideration for planning storage for Hyper-V. (1 Marks)
20. Explain the types of Hyper-V networks. (1 Marks)
21. What is virtual machine configuration versions? (1 Marks)
22. What are the checkpoints in virtualization? (1 Marks)
23. How to export and import virtual machines? (1 Marks)
24. Explain Windows Server container and Hyper-V container. (1 Marks)
25. What is Windows Docker and explain the components of docker? (1 Marks)
26. Explain, why we need Hyper-V container? (1 Marks)
27. What is high availability in server 2019? (1 Marks)
28. Explain live migration and its requirements. (1 Marks)
29. What are the business continuity technologies? (1 Marks)
30. Explain the key point of security considerations of failover clusters in windows server 2019. (1 Marks)
31. Define the features of Quorum in Windows server 2019. (1 Marks)
32. What are the infrastructure and software requirements for a failover cluster? (1 Marks)
33. Explain the types of Hyper-V cluster components. (1 Marks)
34. What is shared virtual hard disk in fail over clustering? (1 Marks)
35. How to implement CSV to provide high availability for VMs in Windows Server 2019? (1 Marks)
36. Define the new features of NLB in windows server 2019. (1 Marks)
37. How to deploy NLB in windows server 2019? (1 Marks)
38. What is DNS Round Robin method? (1 Marks)
39. Explain the types of images used in OS deployment. (1 Marks)
40. What is Windows ADK? (1 Marks)