

B.C.A. DEGREE END SEMESTER EXAMINATION - OCTOBER 2025**SEMESTER 5 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY****COURSE : 19U5VCBCA4 : SERVER OPERATING SYSTEM***(For Regular 2023 Admission and Supplementary 2022/2021/2020/2019/2018/2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. What is meant by forward zone?
2. Mention the use of audit process tracking policy.
3. Define multi domain.
4. How the remote administration is enabled in Windows Server core 2008?
5. List the use of event viewer?
6. What is domain functional levels?
7. What is default domain controller policy object?
8. What is mean by the scope in DHCP?
9. Write the command to uninstall the DHCP role in windows server core 2008.
10. How a local user account is created in Windows Server 2008?

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. Differentiate between the stateless mode and the state full mode of DHCPv6.
12. List the new active directory features in windows server 2008 R2.
13. How the administrator password can be implemented in Windows Server core 2008?
14. Write one advantage and disadvantages of WSUS?
15. Define the private network location type.
16. Give the reasons to deploy global catalog.
17. Write the use of dcpromo command.
18. What is outbound traffic rule?
19. Explain DFS.
20. What is mean by a linking a GPO?

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. Create a user in PowerShell using following features: name-*shcollege*, display name-*shcollege*, SamAccountName-*SH*, UserPrincipalName- principal@shcollege.org.
22. Explain the creation of forward lookup zone in DNS.
23. Describe the performance monitor in windows server 2008.
24. Describe fine grained password policies and its advantages.
25. Write the step by step procedure to recover a server from backup.
26. How the windows 2008 server is configured for setting administrator password and getting automatic updates?
27. Differentiate between IPv4 and IPv6 addressing.

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. Draw a neat diagram of IPv6 header. Describe each fields.
29. Describe the resource monitor and tabs in task manager of windows server 2008.
30. Describe about the domain controller and the read only domain controller. Explain the importance of read only domain controller.
31. Explain the post installation tasks of Windows Server core 2008.

(12 x 2 = 24)