

TB244175X

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - CORE COURSE (Cloud Technology and Information Security Management)

BCA4B12B18 - Basics of Server Operating System

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. What is failover clustering?
2. Write any four functions of Server OS.
3. Define Server OS. Give examples.
4. List down the derivatives of Windows Server 2003.
5. Mention the need for a server core.
6. Define a) Windows PE b) IPSec
7. List down the types of Domain Name Servers.
8. Define a stub zone in DNS.
9. What do you mean by Organizational Unit(OU) in AD?
10. Write some limitations of DC.
11. What do you mean by group policy?
12. List the benefits of Group Policy.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write a note on NT Era Windows Server OS.
14. Brief on Windows Server Deployment using WDS.
15. A block of IP address is granted to a small organization. One of the ip address is 192.7.16.22/26. What is the first and last address of the block?
16. Explain the four DNS servers in detail.
17. Mention the importance of Firewall.
18. Explain domain controllers, its benefits and limitations.
19. Explain AD tree and AD forest.
20. How to install WSUS role on Windows Server.
21. Explain: i) Adding server roles and features. ii) Removing server roles and features.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Illustrate and compare both IPV4 and IPV6 datagram packets.
23. Elaborate on the installation and configuration of DNS Server on Windows Server.
24. Explain active directory in detail with its components.
25. Define auditing. Explain its subcategories in detail.

