

431

Register No.:

April 2024

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (a) or (b) in Part-B. Each question carries 14 marks.]

PART – A

1. What is system administration?
2. Define Kernel.
3. What is disk partitioning?
4. Draw Linux memory architecture.
5. Differentiate user mode process from kernel mode process.
6. What is firewall?
7. Why should the processes be monitored?
8. Write about RPM in package management.
9. What is meant by instant messaging?
10. List out the features of POP3 protocol.

[Turn over.....

PART – B

11. (a) Explain about any one client OS and any one server OS.

(Or)

(b) Explain the Server Virtualization and storage virtualization.

12. (a) Explain the windows file system with a neat diagram.

(Or)

(b) Explain how the user management is done using LINUX.

13. (a) Explain about Windows Backup and Recovery mechanisms.

(Or)

(b) Explain about windows services.

14. (a) (i) Explain file system access control. (7)

(ii) Explain about ACL. (7)

(Or)

(b) Explain the features and implementation of yum tool.

15. (a) (i) Explain about the voice over IP protocol. (7)

(ii) Discuss about LAN. (7)

(Or)

(b) With diagram explain about the SMTP protocol.
