

Register No.:

770

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 are the security concerns in cloud computing?
2. List out the components of cloud computing.
3. Compare private and public clouds.
4. Define SPI framework.
5. List out the limitations of virtualization.
6. Why do we need software virtualization?
7. What are file systems?
8. Define FCoE.
9. What are the benefits of securing the cloud?
10. List out the challenges in cloud computing security.

[Turn over.....

PART – B

11. (a) Explain about high-performance computing and location independent resource pooling.

(Or)

- (b) Discuss about high scalability architecture and government policies.

12. (a) Discuss about SaaS architecture diagram with Google app engine example.

(Or)

- (b) Discuss about IaaS architecture diagram with Amazon EC2 example.

13. (a) Write short notes on:
(i) Para virtualization. (7)
(ii) Virtual box. (7)

(Or)

- (b) Discuss about network virtualization and thin client.

14. (a) Explain about the architecture of storage with necessary diagrams.

(Or)

- (b) Discuss about ISCSI and FCIP.

15. (a) Explain CSA cloud reference model.

(Or)

- (b) Discuss about virtualization security management and virtual threats.
