

S.No. 3249

16 SMBECA 2:1/

16 SMBECS 2:2/

16 SMBEIT 2:3

(For candidates admitted from 2016–2021 batch)

**B.C.A./B.Sc. DEGREE EXAMINATION,
NOVEMBER 2023.**

**Part III — Computer Applications/Computer Science/
Information Technology — Major Based Elective**

CLOUD COMPUTING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions

1. What is Cloud Computing?
2. What is Grid computing?
3. State any two service provider of SaaS.
4. Define Virtualization.
5. Define File system in cloud.
6. Give the examples of SaaS applications?

7. What are the cloud computing platform?
8. Define Hadoop.
9. Define Windows Azure.
10. What is Amazon SimpleDB?

SECTION B — (5 × 5 = 25)

Answer ALL questions, Choosing either (a) or (b)

11. (a) Write the steps to move data to cloud.
Or
(b) Explain the five characteristics of cloud computing.
12. (a) Explain different types of Virtualization.
Or
(b) Explain the phases of CDLC in cloud.
13. (a) What is Cloud Infrastructure? How it is categorized.
Or
(b) Explain NTFS with its advantages and Disadvantages.

14. (a) Discuss briefly about cloud impact on IT operations.

Or

- (b) Explain Parallel computing with its types.
15. (a) Write short notes on Google Cloud Services.

Or

- (b) Write short notes on Amazon S3.

SECTION C — (3 × 10 = 30)

Answer any THREE questions

16. With a neat sketch briefly explain Cloud Computing infrastructure
17. Components of Cloud Computing Architecture
18. Explain briefly about SaaS and IaaS cloud service models in detail.
19. Explain briefly about the Apache Hadoop with its architecture and framework.
20. Discuss briefly about Amazon Database service with its features.