

**S.No. 5218**

16 SMBECA 2:1/  
16 SMBECS 2:2/  
16 SMBEIT 2:3

(For candidates admitted from 2016–2017 onwards)

**B.C.A./B.Sc. DEGREE EXAMINATION, APRIL 2022.**

**Part III — Computer Applications/Computer Science/  
Information Technology**

**Major Based Elective — CLOUD COMPUTING**

**Time : Three hours**

**Maximum : 75 marks**

**PART A — (10 × 2 = 20)**

**Answer ALL questions.**

1. What is Cloud Computing?
2. What is Grid computing?
3. Define Cloud Ecosystem.
4. What are the elements present in the cloud reference model?
5. Define File system in cloud.
6. Give the examples of SaaS applications.

7. What is Risk Management?
8. Define Mashups.
9. Define Windows Azure.
10. What is Amazon SimpleDB?

PART 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 SaaS in detail with diagram.  
Or  
(b) List out the key principles of Cloud Computing.
13. (a) What is Cloud Infrastructure? How it is categorized.  
Or  
(b) Explain NTFS with its advantages and Disadvantages.

14. (a) Discuss about components of cloud computing.

Or

- (b) Write about data security in cloud computing.

15. (a) Write short notes on Google Cloud Services.

Or

- (b) Write short notes on Amazon S3.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. With a neat sketch briefly explain Cloud Computing infrastructure.
17. Discuss the various types of Virtualization.
18. Explain the SaaS and IaaS cloud service models in detail.
19. Discuss briefly about types of risks in cloud computing.
20. Discuss briefly about Amazon Database service with its features.