



RAN-2111000306020081

T.Y.B.Sc. Computer Science (Sem. - VI)

Examination September - 2025

Computer Science - VI

Cloud Computing Fundamentals (Paper - 601)

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y.B.Sc. Computer Science (Sem. - VI)

Name of the Subject :

Computer Science - VI Cloud Computing Fundamentals (Paper - 601)

Subject Code No.: 2111000306020081

Seat No.:

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Student's Signature

Q.1. Answer the following questions in short. (Any Seven)

[14]

1. Define term "Virtualization".
2. State the advantages of cloud computing.
3. What is service diversification in context of cloud technology?
4. Define thin client?
5. What is importance of virtual cluster?
6. Why data-security is important in cloud environment?
7. State the advantages of cloud computing.
8. What is service diversification in context of cloud technology?
9. List components of cloud technology.
10. What do you mean by community cloud?

Q.2. Write answers the following in details.

[12]

1. Discuss the roles and responsibilities of cloud service provider.

2. Explain cloud computing architecture in detail.

OR

1. Write a detailed note on types of clouds.
2. Write a detailed note on PaaS with its merits, demerits, characteristics and application.

Q.3. Write answers the following in details. [12]

1. How does virtualization work in cloud computing?
2. Discuss performance issues in cloud computing services.

OR

1. Explain consumer expectations from cloud service provider.
2. Write detail note on cloud migration.

Q.4. Write answers the following in details. (Any Two) [12]

1. Explain IaaS with its merits, demerits, characteristics and application.
2. Discuss Evolution of Cloud Computing.
3. Write a note on importance of Data center in cloud service.
