


RAN-2111000306020081

T.Y.B.Sc. (Comp. Sci.) (Semester-VI) Examination March - 2026
601-Cloud Computing Fundamentals (Old)

[Total Marks: 50

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવર્ણી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

ENGLISH VERSION

- Q-1. Answer the following questions in short. (Any Seven) 14**
- Discuss any two application examples of IaaS and their demerits.
 - Define the terms cloud service provider and cloud service consumer.
 - What do you mean by cloud migration?
 - What is the difference between private and public cloud?
 - What do you mean by diversified services?
 - Why resource management is important in cloud?
 - State advantages of public cloud model.
 - What are the components of cloud computing infrastructure?
 - Write merits of Cloud Computing.
 - Define the terms hybrid cloud.
- Q-2. Write answers the followings in details. 12**
- Write detail note on cloud computing architecture.
 - Write detail note on types of cloud.
- OR**
- What is the use of virtualization? Discuss types of virtualization.
 - Discuss IaaS with its merits, demerits and characteristics.
- Q-3. Write answers the followings in details. 14**
- Discuss performance challenges of cloud services in context of user perspective.
 - What is public cloud? Explain its advantages and disadvantages
- OR**
- What does PaaS provides? Explain any application use case of PaaS with its advantages.
 - Write a note on importance of Data center in cloud service.
- Q-4. Write answers the followings in details. (Any Two) 12**
- Discuss merits, demerits, features and application of SaaS.
 - How does virtualization work in cloud computing?.
 - Write a note on importance of Data center in cloud service.