



Tribhuvan University  
Institute of Science and Technology  
2069



Bachelor Level/Fourth Year/Eighth Semester/Science  
**Computer Science and Information Technology**  
(CSc. 458 – Cloud Computing)

Full Marks: 60  
Pass Marks: 24  
Time: 3 hours.

*Candidates are required to give their answer in their words as far as practicable.*  
The figures in the margin indicate full marks.

**Attempt all questions.**

**(10×6=60)**

1. Explain the cloud computing model and its benefits.
2. Explain the cloud deployment models.
3. What are the difference between public clouds and private clouds?
4. What are the implementation issues on SAAS? Explain.
5. Explain the platform as a service and its challenges.
6. Explain the data center virtualization.
7. What do you mean by service oriented architecture (SOA)? Explain with example.
8. How can you design the security architecture in cloud? Explain.
9. Explain the process of implementation of Network Intrusion detection.
10. Explain the disaster recovery planning of cloud computing.