

Tribhuvan University
Institute Of science and technology
2072

Bachelor Level/Fourth Year/Eighth Semester/Science

Full Marks: 60

Computer Science and Information Technology

Pass Marks: 24

(CSc. 458 Cloud Computing)

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 components of cloud computing.
2. Explain the platform as –a service (pass) and its characteristics.
3. Explain the cloud data center and its application,
4. Explain the software as service and its characteristics.
5. Explain the service provided by the amazon EC2 service from user perspective.
6. Explain the service oriented architecture (SOA) and its characteristics.
7. Explain the Jericho cloud cube model.
8. Explain the cloud security challenges.
9. What do you mean by network Intrusion Detection?
10. Explain the disaster recovery planning in cloud system.