

Tribhuvan University
Institute of Science and Technology
2072



Bachelor Level/ Fourth Year/Eight 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 answers on their own words as for practicable.
The figures in the margin indicate full marks.

Attempt all questions.

(6x10=60)

1. Explain the components of cloud computing
2. Explain the platform as - a service (Paas) and its characteristics.
3. Explain the cloud data center and its applications.
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