

Tribhuwan University
Institute of Science and Technology
2072

Bachelor Level / eighth-semester / Science

Computer Science and Information Technology(CSC458)

(Cloud Computing)

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Full marks: 60

Pass marks: 24

Time: 3 hours

Attempt all the questions.

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 application.
4. Explain the Software-as-a-Service (SaaS) 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.