

Tribhuvan University
Institute of Science and Technology
2073



Bachelor Level/ Fourth Year/Eight Semester/Science
Computer Science and Information Technology-(CSc.453)
(Advance Networking with IPV6)

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 any SIX questions.

6x10=60

1. Explain the OST model and its applications.
2. Explain the history of IPv6 and addressing of IPv6.
3. Explain the ICMP error and also explain the information message types.
4. Explain the security techniques and QOS paradigms
5. Explain the OSPF for IPv6.
6. Differentiate between automatic tunneling and configured tunneling.
7. What are the migration strategies from IPv4 to IPv6?
8. Explain the process of IPv6 Network configuration in Linux.

Estd 2013 AD