भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI
Bongora, Guwahati, Assam-781015

Computer Networks Lab (CS 353): Lab 9/Assignment 8 (Graded)

1. Create a network scenario (your choice, must contain a minimum of 15 routers) to compare the performance of RIP and OSPF. The route selection in RIP is based on hop-count in Net Sim. Incorporate the following:
    a. Link failures after certain progress in simulation.
    b. Multiple applications as per requirement.

 Record the following:

✓ Route followed by RIP and OSPF for both the applications (before and after link failures).
✓ List the different types of control packets generated in OSPF and RIP and the respective overhead in bytes.
✓ Application and IP layer metrics in-terms of packets-generated, received, and throughput.