St.Joseph's College of Engineering

Department of IT

Assignment 3

CS6551-Computer Network

PART-A:

1. Define routing.
2. State the rules of non boundary-level masking?
3. What are the differences between IPV4 and IPV6?
4. What is source routing?
5. What is the role of VCI?
6. Write the difference between Distance vector routing and Link state routing.
7. Define MTU.
8. What are datagrams?

PART-B

1)a) Explain the detail about the datagram approach.

   b) Explain Virtual circuit switching techniques.

2) Discuss about Link-state routing and routers.

3) Explain about the inter domain routing (BGP) routing algorithms.

4) Explain the Routing Information protocol.