

St.Joseph's College of Engineering

Department of IT

CS6551-Computer networks

Assignment 5

Part-A

1. Why do we need a Domain Name System? What role does the DNS Resolver play in the DNS system?
2. What is WWW and SMTP?
3. Discuss the three main division of the domain name space.
4. Explain Email.
5. What is the use of MIME Extension?
6. Define SNMP.
7. Describe why HTTP is defined as a stateless protocol.
8. What is IMAP?

Part-B

1. Discuss how the Simple Mail Transfer Protocol (SMTP) is useful in electronic mail.
2. Explain the role of a DNS on a computer network, including its involvement in the process of a user accessing a web page.
3. i) Discuss about MIME, IMAP and POP3.
ii) Explain about SNMP
4. Explain about HTTP. Give their uses, state strengths and weaknesses.