

Internet fundamentals
(CSE-207-E, Dec 05)

Note: Attempt any five questions.

1. a) What do you mean by Internetworking? Explain its working and internet congestion.
b) What are the advantages of having IPv6 over IPv4? Explain it.
2. a) What is the purpose of using DNS? What are the three different items which constitute each entry in a DNS database? Explain them.
b) Describe the necessary components that enable connection to the internet.
c) Compare the terms:- Internet; Extranet.
3. a) What are the different search strategies used in search engines and also explain how these search engine work?
b) Describe the architecture of TCP/IP.
4. Write short notes on:-
 - a) HTTP
 - b) Plug-ins
 - c) Coast to Coast Surfing
 - d) Directories Search Engines
5. a) Give a brief description of any three scripting languages used.
b) How the Newsgroup works? Give example.
6. What are the advantages and disadvantages of using an e-mail system and how it is managed? Explain its inner working, mailer features and message composition.
7. a) What are Servers and its need?
b) Explain IIS and its working.
8. a) What are the different security policies, security and privacy levels used for making a secure network.
b) What are the benefits of using firewalls and what are the different types of firewalls available? Give example.