1) What is LAN? How does it differ from a multiuser system?

2) Explain OSI 7 layers model with diagram.

3) What is Internet? How can internet be helpful in the education system?

4) What are various transmission impairment? Explain it.

5) Write short notes on:

 (a) Network security

 (b) Piggybacking

6) Briefly discuss the role of following devices in the context of networking:

   (a)Repeater

   (b) Router

   (c) Bridge

   (d)Gateway

7) Differentiate between:

   (a) Circuit switching and message switching

   (b) Half-duplex and full-duplex

8) Define the following terms:

   (a)DTC

   (b)CSS

   (c) SGML

   (d) CDATA blocks