

S P Chandra

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -1 EXAMINATION- Feb 2019
B.Tech(ECE/CSE/IT/BI) VIII Semester

COURSE CODE: 11B1WCI836

MAX. MARKS: 15

COURSE NAME: Network Management

COURSE CREDITS: 3

MAX. TIME: 1 HR

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1. [3 Marks. Each part is one mark]

- a) Draw the components of Network Management System and explain tasks of each component.
- b) Compare Circuit Switched Network Technology with Packet Switched Network Technology.
- c) List six differences between LAN and WAN

Q.2. [4 marks] With the analogy of a telephone network, explain the requirements of good network management system.

Q.3. [4 marks] Draw a typical network involving a LAN and WAN for internet operations, and explain the activities of Network Operations Centre.

Q.4. [4 marks] Network performance is as good as its design. Explain the design criterias for the following networks.

- a) TCP/IP Data Communication Networks.
- b) Telecommunication Telephone Networks.
- c) Transporter Networks.