**JAGAN’S JUNIOR COLLEGE**

GOMATHY NAGAR: NELLORE

Computer Science & Engineering

Data Communication and Computer networks (paper -II)

Time: 3 hours Max Marks:100

**SECTION-A**

**Note: 1. Answer all the questions** (10x2=20)

**2. Each question carries two marks**

1. Write various modes of data transmission.
2. What is internet?
3. Write various types of LAN components.
4. Define server and client.
5. Expand V-SAT, ATM, FTP, EDI, BBN, GAN, LAN, MAN, WAN
6. What is data communication? List types of data communications.
7. Write any two advantages and disadvantages of topologies.
8. List various communication channels.
9. What is network topology? List types of topologies.
10. What is a file server?

**SECTION-B**

**Note: 1. Answer any five questions** (5x6=30)

**2. Each question carries six marks**

1. Write about transmission modes.
2. Explain about various communication channels.
3. Explain about network topologies.
4. Explain about Internet.
5. Explain the function of modem with a neat diagram.
6. Discuss briefly about: Hubs and Switches