

**ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27**

**BCA V SEMESTER**

**MID-SEMESTER TEST – AUGUST 2019**

**CA5415- COMPUTER NETWORKS II**

**Time- 1 hour**

**Max Marks-30**

**Answer any FIVE Questions. Each carries six marks**

**5X6=30**

- 1a. What is LAN? Explain the components of LAN.(4)
- 1b. Name the factors to be considered to evaluate LAN.(2)
2. Explain the Layered architecture of TCP/IP.
- 3a. What is an IP Header? Explain the format of IP Header.(4)
- 3b. What are Port numbers? Give Example.(2)
4. Explain ICMP message types.
5. What is PING and TRACEROUTE?
6. Write a short note on a)IP addressing b)Client server model
7. Explain Address Resolution Protocol, with format.