

R09

Code No: 09A50508

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B. Tech III Year I Semester Examinations, June/July- 2014

DATA COMMUNICATION AND COMPUTER NETWORKS

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Explain TCP/IP protocol suite.
- b) Explain Analog -to-Digital conversion.

- 2.a) Explain the structure of a switch.
- b) Explain about dial-up-modems.

- 3.a) Explain data link layer protocol for noiseless channels.
- b) Write about Aloha.

- 4.a) Explain sonet layers.
- b) Explain virtual LANS.

5. Explain multicast routing protocol.

- 6.a) Explain SCTP protocol.
- b) What are the techniques to improve QoS?

- 7.a) Explain DDNS.
- b) Write about telnet.

- 8.a) Explain about streaming of live audio/ video.
- b) Write about RTP.
