

Hall Ticket No:

--	--	--	--	--	--	--	--	--	--

Question Paper Code :

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)**

M.E/M.Tech I-Semester Regular Examinations, November 2015

Telecommunication switching & Networks

(Communication Systems)

Date:

Time: 3 hours

Max Marks: 60

Answer ONE Question from each Unit

All Questions Carry Equal Marks

All parts of the question must be answered in one place only

UNIT - I

1. A) Explain the operation of Circuit switching in detail. (12m)

(OR)

- B) Write a note on Virtual Circuit switching in the Telecommunication. (12m)

UNIT - II

2. A) Explain the two stage combinational switching system with neat diagram. (12m)

(OR)

- B) Describe the output controlled time division space switching network. (12m)

UNIT - III

3. A) Explain about the Operation of Digital subscriber Line with all blocks. (12m)

(OR)

- B) Describe the Cable modem in detail. (12m)

UNIT - IV

4. A) Draw the fast Ethernet architecture with all the necessary blocks. (12m)

(OR)

- B) Explain about the operation of Wireless LAN in detail. (12m)

UNIT - V

5. A) Explain about the Integrated services Digital Networks (ISDN) architecture and its
Operation in detail. (12m)

(OR)

- B) Explain about the ISDN Standard and Broadband ISDN. (12m)