Aditya Group of Degree Colleges

ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

IV – SEMESTER **MID - I - EXAMINATIONS**

DATA COMMUNICATIONS AND COMPUTER NETWORKS (CS- MAJOR)

Max. Marks: 60 M

Date: Time: 2 Hours

SECTION – A

I. Answer any **FIVE** of the following Questions.   5X4= 20 M

   1. Explain about computer Network components?

   2. Write about connection oriented network X-25?

   3. Discuss channel allocation problem?

   4. Explain about Bluetooth?

   5. Write about mobile telephone system?

   6. Write about wireless LAN?

   7. Write about public switched Telephone Network?

   8. Explain about Frame relay?

SECTION - B

II. Answer the following Questions.   4X10= 40 M

   9. a. Explain OSI reference Model in detail?

(OR)

   b. Explain about Internet Model in detail?

   10. a. Explain Data link layer Design Issues?

(OR)

   b. Explain Error detection & correction?

   11. a. Explain TCP/IP Model in detail?

(OR)

   b. Explain Transmission Media & it types?

   12. a. Explain Multiple Access protocol?

(OR)

   b. Explain Elementary Data link protocols?

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-SUBJECT NAME-
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