

FACULTY OF INFORMATICS
M.C.A. II Year I – Semester (Backlog) Examination, Jan. / Feb. 2015

Subject: Data Communication (Backlog)

Time: 3 Hours

Max.Marks: 80

Note: Answer one question from each unit. All questions carry equal marks.

Unit – I

1 Explain about OSI Model.

OR

2 Write short note on:

- i) Analog Data – Analog Signals
- ii) Describe about Manchester encoding.

Unit – II

3 Write short note on the following:

- i) Go-back-n
- ii) Selective - Reject

OR

4 Write in detail about HDLC.

Unit – III

5 Discuss about Frame relay.

OR

6 Describe about following:

- i) ATM Architecture
- ii) ATM Cells

Unit – IV

7 Discuss about following:

- i) CSMA / CD
- ii) Layer 2 switch

OR

8 Write about Fast Ethernet.

Unit – V

9 Describe about second generation system.

OR

10 Explain about IEEE 802.11 Architecture and services.