

Roll No

EC-7004 (1) (CBGS)

B.E. VII Semester

Examination, November 2019

Choice Based Grading System (CBGS)

Data Communication

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.
iii) Assume suitable data wherever necessary.

1. a) Differentiate between message switching and packet switching. 7
b) Explain OSI reference model. 7
2. a) Explain ISDN. 7
b) Describe Modem with neat diagram. 7
3. a) Explain stop and wait protocol. 7
b) Explain CSMA/CD protocol (MAC). 7
4. a) List four functions of Network Layer. 7
b) Explain Datagram and Virtual circuit. 7
5. a) Explain TCP. 7
b) Explain session and transport layer interaction. 7

6. a) Explain Encryption and Decryption. 7
b) Explain FTP and RPC. 7
7. a) Explain DNS and SMTP. 7
b) Explain Data Unit. 7
8. Write short notes on any two: 14
i) ATM Model
ii) ALOHA
iii) TSAP
