

Sub.Code : 654

NEB - GRADE XII

**Data Communication and Computer Network**

Model Question [2077 (2020)]

*Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.*

**Time: 45 minutes**

**Full Marks: 20**

Attempt **all** the questions.

**Group 'A'**  
**(Very short answer questions)** 2x2=4

1. Define analog and digital communication system.
2. Draw FM circuit diagram.

**Group 'B'**  
**(Short answer questions)** 2x4=8

3. Differentiate between star and ring topology .
4. Describe the routing techniques in network system.

**Group 'C'**  
**(Long answer question)**

5. Describe the different types of communication cable with merits and demerits. 8