

23 / 3 / 17

Max marks:30

Mid Semester Examination



SCHOOL OF PHYSICAL SCIENCES

Integrated MSc Computer Science Semester IV

CSC 253:-Computer Networks

Section A

1 x 6

1. A sine wave is a \_\_\_\_\_.
2. Expand a)SCTP b)RARP.
3. What is baud rate/signalrate?
4. Name the techniques used for Digital to Analog conversion.
5. What are the steps in PCM?
6. Encode 110100011110 in Manchester Scheme.

Section B

3 x 4

Attempt any four questions

1. Explain about characteristics/parameters of sine waves with diagram.
2. Discuss about Twisted pair and Coaxial cable with its applications.
3. Briefly explain about circuit switched networks.
4. Explain Frequency Division Multiplexing.
5. Write about unguided transmission media.

Section C

6 x 2

Attempt any two questions

1. Briefly Explain ISO/OSI model .Explain in detail about transport layer and data link layer.
2. Explain about time division multiplexing in detail.
3. Discuss about virtual-circuit networks.