

Subject : Elective-I e) Networking (Systems)

Day : Monday
Date : 13/06/2016



Time : 10.00 AM TO 1.00 PM
Max Marks : 80 Total Pages : 1

N. B. :

- 1) Attempt **ANY FOUR** questions from section – I.
 - 2) Attempt **ANY TWO** questions from section – II.
 - 3) Answers to both the sections should be written in the **SAME** answer book.
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SECTION - I

- Q. 1** What is computer network? How networks are classified based on ownership? (12)
- Q. 2** Explain the advantage of Digital Signals (12)
- Q. 3** What is modulation? Explain amplitude modulation in detail (12)
- Q. 4** What is Multiplexer? Discuss various types of multiplexers (12)
- Q. 5** Discuss different properties of fiber optics (12)

SECTION-II

- Q. 6** Differentiate between: (16)
- a) Broadband and Baseband
 - b) Gateway and Modem
- Q. 7** Explain OSI protocol with various layers and their functions (16)
- Q.8** What do you meant by wireless media? Discuss the 'Radio' as an example of wireless media (16)

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