Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (CSE/IT) (2012 to 2017)   (Sem.–5)
COMPUTER NETWORKS-II
Subject Code : BTCS-501
M.Code : 70534

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Write briefly :

1. Network Security

2. ESP

3. CDMA

4. WLL

5. Frequency reuse

6. IKE

7. IP

8. What is 2.5G?

9. What is Authentication header?

10. What is LMDS?

SECTION-B

11. What is IP sec Protocol? Explain its header.

12. Give the details of WLAN.

13. Write down a note on evolution of wireless communication system.

14. What is GPRS? Describe different security and handoff issues in GPRS?

15. Explain any one routing protocol with suitable example.

SECTION-C

16. Explain the security features of IPv6. (10)

17. What is System Capacity? What are different ways to improve coverage and capacity in cellular systems? (10)

18. Write short notes on :

    a) WLANs   4

    b) Bluetooth   3

    c) Personal Area Network   3

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.