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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.**