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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 has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

SECTION-A

Write briefly :

1. Explain basic principles of network security.

2. What is MAC address?

3. What is use of classes in IPv4?

4. What is use of frequency modulation?

5. Explain port address.

6. What is frequency reuse?

7. Explain Local multipoint Distribution System.

8. What is PAN?

9. Explain payload.

10. What is system capacity?

SECTION-B

11. Differentiate between 'Authentication Header' and 'Encapsulation Security Payload'.

12. Differentiate between TDMA and CDMA.

13. Explain various channel assignment strategies.

14. What are the application areas of Adhoc networks?

15. Explain internet key exchange system.

SECTION-C

16. What are the different routing protocols used in Ad hoc networks?

17. Explain IKE encoding in detail.

18. Explain the working of wireless local loop.

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.