

GOVERNMENT ARTS AND SCIENCE COLLEGE, MANALMEDU-609 202
PG DEPARTMENT OF COMPUTER SCIENCE
MOBILE COMMUNICATION – P16CSE1A
QUESTION BANK

SECTION A (10 X 2 =20)

Answer ALL Questions

1. What are various types of networks?
2. Explain history of wireless communication?
3. What are the layers involved in a simplified reference model?
4. Explain about signals and antennas?
5. Explain about motivation for a specialized MAC?
6. What is Base Station?
7. What is HLR and VLR?
8. What are the various applications used in satellite systems?
9. What is Wireless LAN?
10. What is an Infrastructure and ad-hoc network?

SECTION B (5 X 5 =25)

Answer ALL Questions

11. a) What are the application of mobile communication?
Or
b) Explain about Mobile and wireless device?
12. a) Explain simplified reference model?
Or
b) Explain about frequencies for radio transmission?
13. a) Explain about DECT and its architecture.
Or
b) Explain about various satellite systems.
14. a) Write about GSM Protocols
Or
b) Discuss about UMTS architecture.
15. a) Write about IP packet delivery
Or
b) Explain about Infrastructure and ad-hoc networks

SECTION C (3 X 10 =30)

Answer any THREE Questions

16. Discuss in detail about GSM system architecture with a neat sketch?
17. Explain about MAC Management.
18. Differentiate SDMA, TDMA, FDMA and CDMA
19. Explain in detail on IEEE 802.11 System architecture.
20. Briefly discuss about Wireless application protocol.
