



9. What is meant by handover technique? CO4- R
10. How will you control the temperature and humidity in air conditioning? CO5- U

PART – C (5 x 16= 80Marks)

11. (a) Explain the construction and working of moving coil microphones. Also give their characteristics. CO1- U (16)
- Or
- (b) Describe the working principle of loud speaker. Also explain about different types of loudspeakers based on its construction. CO1- U (16)
12. (a) Explain about Dolby noise reduction and how the analog and digital signals are recorded. CO2- U (16)
- Or
- (b) Discuss in detail on the working and construction of LCD and LED TV. CO2- U (16)
13. (a) Describe the working of Digital Projection System and write down the different Gate Array systems. CO3- U (16)
- Or
- (b) Discuss in detail on working of CD player with necessary diagrams. CO3- U (16)
14. (a) What is the advantage of transmitting telephone voice in digital form? Explain in detail about digital exchanges. CO4- U (16)
- Or
- (b) Mention the different types of cellular systems. Also, explain the steps involved in making a call between two mobile users. CO4- U (16)
15. (a) Explain about the functioning of UPS in detail. Also, compare it with inverter. CO5- U (16)
- Or
- (b) Explain the components of air conditioning system and its various types with neat diagrams CO5-U (16)