

Internal Assessment – I- Question Bank First Half of 2024

Chapter 1

1. Define the term Mobile Computing?
2. What are various applications of mobile Computing
3. List and explain Effects of signal propagation
4. Explain features of Radio waves, Microwaves and Infrared wireless communication medium used in mobile communication.
5. List out terminology/concepts of Cellular System. State and Explain Frequency Reuse with
6. Draw and explain different types of antennas example.
7. Differentiate between DSSS and FHSS.
8. Differentiate between TDM and FDM.
9. Discuss multiplexing and modulation techniques used in GSM
10. What is Spread Spectrum? Explain DSSS and FHSS.

Chapter 2

11. Draw and Explain GSM Architecture with suitable diagram and explain function of various components of GSM architecture
12. List and explain numbers associated with MS
13. Explain GSM frame structure and different bursts
14. What is handover? Explain GSM handover
15. What is localization and calling in GSM? Explain mobile Terminated call with suitable diagram
16. Draw and explain GSM protocol architecture