

Mobile Computing Assignment 2
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1. Answer all Questions:-
  - a) What is SS7?
  - b) What is GPRS?
  - c) What are the capabilities of GPRS Terminal Class B ?
  - d) Compare between SGSN and GGSN.
  - e) What is the use of APN ?
  - f) What are the commercial services of GPRS?
  - g) What is MAP?
  - h) What is MTP?
  - i) What is cdmaOne™
  - j) Compare conventional local loop with WLL.
  - k) What is IMT 2000 Vision?
  - l) What is OFDM?
  - m) What is Rake Receiver and why it is used?
  - n) Compare LEO, MEO and GEO constellations
  - o) Compare Iridium with Globalstar
  - p) Write about the CDMA features of Globalstar
  - q) What are the features of G1 satellite
  - r) What are the merits and limitations of GMSS?
  
2.  
Draw SS7 Architecture diagram and describe the signaling points.
  
3.  
Describe Iridium System
  
4.  
Describe ICO Global GMSS System
  
5.  
Describe GPRS Network Architecture
  
6.  
Describe UMTS Network Architecture
  
7.  
Describe Mobile IP
  
8.  
Describe WLL Architecture