

St.Joseph's College of Engineering
St.Joseph's Institute of Technology

Mobile Computing- IT6601

Assignment 3

PART A

1. What are the supplementary services provided by GSM?
2. Mention the GSM Subsystem.
3. What are the four possible handover in GSM? (Nov 2014)
4. What is MSRN and TMSI?
5. List the Security services offered by GSM.
6. What is meant by GGSN, SGSN, BSSGP?
7. State the advantages of UMTS.
8. Differentiate handover from handoff.

PART B

1. Draw and explain the functions of GSM system architecture.
2. Draw and explain the GPRS architecture
3. Write short notes on GPRS Transmission Plane Protocol Reference Model
4. Explain in detail about Universal Mobile Telecommunication System