**MS3E22**

**Third Semester M.Sc.IT**

**Examination Aug/Sep-2015**

**Mobile Computing**

**Time: 3Hours Max. Marks:-75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Define Antennas.
2. What do you mean by Location Based Services?
3. Clarify the Path Loss.
4. Comment on:-
	1. PDA
	2. Tablet PC
5. What do you mean by Multiple Accesses?
6. Write a short note on General Packet Radio Service.
7. Write in nutshell about Signal Propagation.

**SECTION-B**

**Answer any two questions. (10\*2)**

1. Write a detail note on Home Location Register (HLR).
2. Describe the meaning and implemented procedures of Authentication Center (AuC).
3. Explain the Direct-Sequence Spread Spectrum. Also Discuss its Transmission Methods.

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Explain the following:-
	1. Authentication
	2. Encryption
2. What is GPS? Discuss the basic concept of GPS.
3. Explain the UMTS & IMT-2000. Also discuss the basic architecture of UMTS.