

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

Mobile Computing- IT6601

Assignment 1

**PART A**

1. What is mobile computing?
2. What are the different characteristics of mobile computing?
3. What is meant by MAC Protocols?
4. What is Hidden and exposed station problem?
5. What are the categories of Fixed assignment MAC protocols
6. What is ALOHA?
7. What is the use of RTS and CTS?
8. How exposed terminal problem is solved in MACA?

**PART B**

1. What is mobile computing? Mention the characteristics and applications of mobile computing
2. Explain the working of a contention based MAC protocol. Give two examples of contention based MAC Protocols.
3. What is hidden terminal? What problem does it create during wireless communications?(April 2012)
4. Explain the basic schemes of the CDMA protocol. What is the role of a pseudo random sequence generator in the working of the CDMA protocol?