

Submission Date: 23 Feb 2016

Subject Name: Mobile Computing

Subject Code: ECS-087

Assignment 2

Attempt any four questions.

Q1. What are Hidden node and Exposed node Problems, near far terminal problem in wireless LAN?

Q2. Explain the working of mobile IP (must include discovery, registration, tunneling).

Q3. What kind of problems may arise, if TCP is implemented over wireless networks?

Q4. Draw and define 802.11 protocol stack regarding the following points:

1. Physical Layer
2. MAC sub layer protocol
3. Frame Structure.

Q5. Sketch a neat diagram showing the Bluetooth protocol stack. State the function of the following layers:

1. Radio Layer
2. Baseband Layer
3. L2CAP Layer

Q6. Give an overview of the WAP architecture and compare it with the typical internet architecture when using WWW.