Yugal kr

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION-Oct.2017

B.Tech.-VII Semester

COURSE CODE:15B1WCI731   MAX. MARKS:25

COURSE NAME: MOBILE COMPUTING

COURSE CREDITS: 3   MAX. TIME: 1.5Hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1   Describe the following question in short.   (5x1=5)

(a)   What is Wi-Fi?

(b)   What is scrambling?

(c)   What are the different WiFi IEEE standrads?

(d)   How the ubiquitous computing is differing from virtual reality?

(e)   What is the work of LLC sublayer?

Q.2   What is exposed station problem? Why it is occurred? Which are the various factors   (5)
       responsible for this?

Q.3   Why the hidden station problem is occurred in wireless LAN? How to overcome   (5)
       this problem?

Q.4   How the Mac sublayer is different from physical layer of WiFi. Describe the   (5)
       working of Mac sublayer with the help of diagram.

Q.5   What are the different challenges for the ubiquitous computing? How these   (5)
       challenges are reduced? Explain in detail.