

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION-SEP.2017

B.Tech.-VII Semester

COURSE CODE:15B1WCI731

MAX. MARKS:15

COURSE NAME: MOBILE COMPUTING

COURSE CREDITS: 3

MAX. TIME: One Hr

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

- Q.1 Describe the following in short. (5x1=5)
- (a) What is handoff process?
 - (b) What is umbrella cell pattern?
 - (c) Why fading is occurred in mobile environment?
 - (d) How to define the system capacity?
 - (e) Explain the frequency reuse pattern?
- Q.2 What are the logical functions of the Mobile Computing? Describe and explain the relationship of these functions with the help of diagram. (4)
- Q.3 How to place the base stations into cellular network topology? Which technique is better and why? (3)
- Q.4 Why the android operation system is better than iPhone operation system? Explain the activity life cycle of android OS using a flowchart. (3)