

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- May 2018

B.Tech/ 8<sup>th</sup> Semester

COURSE CODE: 17BWCI811

MAX. MARKS:35

COURSE NAME: Mobile and Distributed Computing

COURSE CREDITS: 3.0

MAX. TIME:2.0 Hrs

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

1. What are the two competing insights that led to development of Indirect TCP. Explain the working of Indirect TCP. (5.0)
2. Summarize the major differences between Mobile IPv4 and Mobile IPv6. (4.0)
3. What are the mechanisms to determine a mobile computer's current location? (5.0)
4. Explain the working of Snooping TCP. List the advantages and disadvantages of Snooping. (4.0)
5. Detail out the comparison between SDMA, TDMA, FDMA and CDMA? (5.0)
6. What were the requirements associated with the mobile IP standard? (3.0)
7. Define the following. (4.0)
  - (i) Hidden and exposed terminals
  - (ii) Near and far terminals
  - (iii) Home Agent
  - (iv) Care of address
8. Explain with the help of a diagram the working of Mobile IP? (5.0)