JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST-3 EXAMINATION (Dec 2018)
B-Tech (7th SEM)/M-Tech (1st SEM)

Course Code: 10M11CI112

Max. Marks: 35

Course Name: ADVANCED COMPUTER NETWORK

Max. Time: 2 HRS

Course Credit: 4

Note: All questions are compulsory

1. [CO-1] Distinguish between Distance Vector and Link state Routing. (5)
2. [CO-2] Explain the QoS protocols in detail. (5)
3. [CO-3] Describe congestion control algorithms in detail. (5)
4. [CO-4,5] Define the following (5)
   Limited broadcasting, Split-horizon technique, Jitter, Routing, Directed Broadcasting
5. [CO-6,7] Compare Zigbee and Bluetooth network with regards to communication. (5)
6. [CO-8,9] Discuss Authentication Header (AH) protocol and Encapsulated Security Payload (ESP) with respect to both Transport Mode and Tunnel Mode of IPSec protocol. (8)
7. [CO-10] What is the use of CoAP (Constrained Application Protocol)? (2)