JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATION- Apr 2018
B.Tech(ECE/CSE/IT/BI) VIII Semester

COURSE CODE: 11B1WCI836

COURSE NAME: Network Management

COURSE CREDITS: 3

MAX. MARKS: 25

MAX. TIME: 90Min

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

Q.1. [5 Marks. Each part is ONE mark]

a) Explain the term community profile.

b) What are enhancements in SNMPv2 over SNMPv1 ?

c) Describe the structure of SNMP Engine ID.

d) Explain the importance of GET BULK REQUEST message.

e) Describe with an example, the textual convention in SNMPv2.

Q.2. [5 marks] Describe with an example the table expansion feature in SNMPv2.

Q.3. [5 marks] Draw the SNMPv3 modularised architecture and list the functions of each module.

Q.4. [5 marks] Draw the SNMPv3 message protocol. Explain each item of the message protocol.

Q.5. [5 marks] Explain the SNMPv3 security system architecture.