B. Tech. Sem - VIII (Computer Engg.) (2014 COURSE) (CBCS) :
SUMMER - 2019
SUBJECT : ELECTIVE – IV : NETWORK MANAGEMENT SYSTEMS

Day : Tuesday   Time : 02.30 PM TO 05.30 PM
Date : 28/05/2019   Max. Marks : 60
S-2019-2889

N.B.
1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.

Q.1 What are the various challenges in front of Information Technology   **(10)**
Managers to manage the existing networks?

OR

Explain current status and future of network management with example.

Q.2 Describe the role of a Network Operations Centre (NOC).   **(10)**

OR

State the pros and cons of dedicated management networks.

Q.3 Explain manager initiated interaction with configuration operations   **(10)**
method.

OR

Explain agent initiated interactions with events and event based
management.

Q.4 Explain the SNMP communication model in detail.   **(10)**

OR

Explain SNMP functional model in detail.

Q.5 Explain RMON1 based on common and Ethernet groups and token ring   **(10)**
extension group

OR

Explain how internet traffic can be managed using RMON.

Q.6 Explain NMS with web interface and web base management.   **(10)**

OR

How SNMP can be used for web interface?

*   *   *