Printed pages: 01 **Sub Code: MTCS043**

Paper Id | 2 | 1 | 0 | 2 | 0 | 9 | **Roll No.** | | | | | | | | | | |

M TECH
(SEM-II) THEORY EXAMINATION 2018-19
NETWORK MANAGEMENT

Time: 3 Hours ***Total Marks: 70***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a. Describe Network Management Complexities.
b. Explain Performance Analysis System.
c. What is Dedicated Management Network?
d. What do you mean by Netflow Protocol?
e. What is Runtime Complexity?
f. What is Service Level Agreement?
g. Explain WBEM.

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a. Explain the Communication protocols and standards?
b. Explain the Current status and future of Network Management.
c. Explain SNMPV2.
d. Mention TMN Architecture.
e. Discuss Future direction of web based management.

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SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

(a) Explain Challenges of IT Managers.
(b) Explain Network Management Life Cycle.

4. Attempt any *one* part of the following: 7 x 1 = 7

(a) Explain the architecture and operation of Netconf.
(b) What is RMON SMI?

5. Attempt any *one* part of the following: 7 x 1 = 7

(a) Discuss TMN Management Service Architecture.
(b) Mention issues in implementation of TMN.

6. Attempt any *one* part of the following: 7 x 1 = 7

(a) Discuss Embedded Web Based Management.
(b) Explain Web Management Instrumentation.

7. Attempt any *one* part of the following: 7 x 1 = 7

(a) What do you mean by Network Management System?
(b) Discuss Enterprise Management Solution.

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