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**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.

**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.