

Code: 9A05708

B.Tech IV Year I Semester (R09) Supplementary Examinations June 2017

**NETWORK MANAGEMENT SYSTEMS**

(Common to CSE, IT &amp; CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 Explain the different alert functions and API buffer functions. Give the importance of each function.
- 2 (a) Describe the typical organizational structure of small business in detail with example.  
(b) Brief about basic encoding rules and packed encoding rules.
- 3 (a) Draw and explain the SNMP architecture in detail.  
(b) What are the access policies in SNMP community?
- 4 List out the SNMPv2 protocols and explain each.
- 5 Describe the SNMPv3 USM user.
- 6 What is RMON2 and RMON2 MIB and what are the functions similar to RMON?
- 7 Explain the XML-based management using web services.
- 8 Write a short note on:
  - (a) Fault management.
  - (b) Security management.

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