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**Question Paper Code : 81376**

M.E. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Elective

Communication Systems

CU 9258 – NETWORK MANAGEMENT

(Regulation 2009)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Distinguish between bridge and hub of a network.
2. What is ISDN?
3. What is organizational model of OSI?
4. Distinguish between CMIP and CMIS.
5. What is proxy server?
6. What is protocol remote monitoring?
7. What is ATM packet?
8. Define virtual LAN.
9. What is fault management?
10. What is network report management?

PART B — (5 × 16 = 80 marks)

11. (a) List and explain the types of network topology.

Or

- (b) List different communication protocols and explain them with a suitable sketch.

12. (a) Give the OSI network model and explain its layers.

Or

(b) List the models of OSI network management model and briefly explain them.

13. (a) Give the information model of SNMP and explain its components.

Or

(b) How will you configuring the SNMP Protocols for Proxied Communication?

14. (a) Discuss the role of SNMD and ILMI in ATM management.

Or

(b) Give the ATM management reference model and explain its layers.

15. (a) List the purposes of network accounting management?

List and explain the components of network accounting management.

Or

(b) Explain the importance of event correlation for effective security management. Also, list and explain the correlation methods for security management.