



# NARSIMHA REDDY ENGINEERING COLLEGE

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## NETWORK MANAGEMENT SYSTEMS AND OPERATIONS (23CY702)

### QUESTION BANK

#### UNIT-I

S No	Questions	BT	CO	PO	
1	Define Network Management.	L1	CO1	PO1	
2	What is Internet Structure	L4	CO1	PO2	
3	Explain Gartner Model in Network Management	L3	CO1	PO1	
4	What are internal and external policies	L2	CO2	PO1	
5	Define automation in network management	L1	CO1	PO1	
6	Differentiate between VLAN switch and Ethernet switch	L4	CO2	PO1	
7	What is a Wireless LAN Access Point	L1	CO3	PO1	
8	Define DSLAM.	L1	CO2	PO1	
9	What is the role of CSU/DSU	L1	CO1	PO1	
10	Explain about Firewall, DHCP Server and HTTP Load Balancer	L2	CO2	PO1	
<b>Part-B (Long Answer Questions)</b>					
11	a)	Explain the challenges involved in Network Management	L4	CO2	PO1
	b)	Discuss the Internet structure and its impact on Network Management.	L5	CO2	PO2
12	a)	Explain Gartner Model and benefits of automation in detail.	L6	CO1	PO3
	b)	Describe various Network Devices and Network Services.	L3	CO2	
13	a)	Explain the working of Ethernet Switch, VLAN Switch, and Wireless Access Point.	L1	CO3	PO1
	b)	Discuss Cable Modem System and DSL Modem System.	L2	CO2	PO2
14	a)	Explain the role of DNS, DHCP, Firewall, and Web Server in Network Management.	L3	CO3	PO3
	b)	Describe IP Router and HTTP Load Balancer with neat diagrams.	L2	CO1	PO2
15	a)	Explain in detail about CSU/DSU used in Wide Area Digital Circuits	L3	CO2	PO1
	b)	Explain in detail about DSL Modem System and DSLAM	L4	CO1	PO2
16	a)	Explain in detail about Firewall, DNS Server, DHCP Server, Web Server and HTTP Load Balancer	L1	CO3	PO3
	b)	Discuss in detail about Access Point for a Wireless LAN	L2	CO4	PO2