



# NARSIMHA REDDY ENGINEERING COLLEGE

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## NETWORK MANAGEMENT SYSTEMS AND OPERATIONS (23CY702)

### QUESTION BANK

#### UNIT-III

S No	Questions	BT	CO	PO
1	Define Network Fault and Trouble Reporting	L2	CO1	PO1
2	Define troubleshooting.	L3	CO2	PO2
3	What are baselines in monitoring	L2	CO3	PO1
4	Explain alarms and logs.	L3	CO3	PO1
5	What is polling and Define anomaly detection.	L2	CO1	PO1
6	What is event correlation	L1	CO2	PO1
7	Define fault prevention	L3	CO4	PO1
8	What is congestion and Define capacity planning.	L1	CO5	PO1
9	What is passive observation and What is active probing	L2	CO3	PO1
10	What is 95th percentile utilization and Define bottleneck.	L1	CO2	PO1
<b>Part-B (Long Answer Questions)</b>				
11	a) Explain fault detection and correction in networks	L3	CO3	PO1
	b) Discuss troubleshooting and diagnostic techniques.	L1	CO1	PO2
12	a) Explain monitoring, alarms, logs, and polling.	L2	CO2	PO3
	b) Describe anomaly detection and event correlation.	L3	CO3	
13	a) Explain hidden faults and automatic correction.	L1	CO1	PO1
	b) Discuss measures of network performance	L2	CO3	PO2
14	a) Explain congestion, delay, and utilization in detail.	L3	CO4	PO3
	b) Describe capacity planning for switches, routers, and Internet connections.	L1	CO3	PO2
15	a) Explain passive observation Vs active probing.	L2	CO1	PO1
	b) Discuss average and peak utilization with suitable examples.	L4	CO2	PO2
16	a) Explain in detail about estimated peak utilization and 95th percentile	L1	CO3	PO3
	b) Discuss in detail about measuring peak and average traffic on a link	L1	CO1	PO2