



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.															
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Mid - Term Examinations - March 2026

Date: 13- 03-2026

Time:11.45am to 01.15pm

School: SOCSE	Program: B.Tech Computer Science(Networks)	
Course Code : CSN2505	Course Name: Network Management System	
Semester: VI	Max Marks: 50	Weightage: 25%

CO - Levels	C01	C02	C03	C04	C05
Marks	26	24	-	-	-

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Define Network Management. List any two goals of Network Management.	2 Marks	L1	C01
2	List any two protocols of Transport layer.	2 Marks	L1	C01
3	List any four challenges faced by IT Managers in Network Management.	2 Marks	L1	C01
4	What is SNMP? Name its main components.	2 Marks	L1	C02
5	Differentiate between SNMP Manager and SNMP Agent.	2 Marks	L2	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Explain Network Management architecture and organization and functions in detail.	10 Marks	L2	C01
	b.	Explain Network Management Interoperability with a neat diagram.	10 Marks	L2	C01
Or					
7.	a.	Review communication protocols and standards used in Network Management.	10 Marks	L2	C01
	b.	Summarize the functions of Network Management System in detail.	10 Marks	L2	C01

8.	a.	Demonstrate SNMPv1 architecture including organization and information models.	10 Marks	L3	C02
	b.	Describe the SNMP communication model and functional model in detail.	10 Marks	L2	C02
Or					
9.	a.	Interpret major changes introduced in SNMPv2 and its system architecture.	10 Marks	L3	C02
	b.	Explain the History of SNMP Management in detail.	10 Marks	L2	C02