School of Engineering
Department of Electrical Electronics and Communication Engineering
Mid Term Examination

Exam Date: 26 Sep 2023
Time : 90 Minutes
Marks : 50

Sem III - MCEN6009 - Data Communication Networks
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1)	Compare Analog and Digital Communication.	K2 (2)
2)	Define ISDN	K1 (3)
3)	Interpret with relevant diagram the functions of physical and data link layer.	K2 (4)
4)	Summarize the different type of switching techniques.	K2 (6)
5)	Identify OSI layer and TCP/IP.	K3 (6)
6)	Construct the working principle of Bluetooth and develop a neat sketch to depict its architecture.	K3 (9)
7)	Inspect the major functions performed by the layers of the ISO - OSI Reference model.	K4 (8)
8)	Analyse the need Line and Block Coding. Citing suitable examples.	K4 (12)

OR

Distinguish IPv4 and IPv6 in detail.	K4 (12)