

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BBA
BRANCH: BBA**

**SEMESTER : 5th
SESSION : MO/2025**

SUBJECT: MN414 COMPUTER NETWORKS

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
-

		CO	BL
Q.1(a)	Explain the applications of networks in business, education and health.	[2]	1 Understand
Q.1(b)	Differentiate between LAN, MAN and WAN.	[3]	1 Analyse
Q.2(a)	State the advantages of wireless network over wired network.	[2]	4 Remember
Q.2(b)	Describe the utilities of different network softwares.	[3]	1 Understand
Q.3(a)	Differentiate between point-to-point and multipoint connection.	[2]	2 Analyse
Q.3(b)	Write the advantages and disadvantages of all the network topologies.	[3]	2 Evaluate
Q.4(a)	Explain different types of transmission media.	[2]	4 Understand
Q.4(b)	Describe the following network devices- i. NIC ii. Routers iii. Gateway	[3]	2 Understand
Q.5(a)	Differentiate between port and socket.	[2]	2 Analyse
Q.5(b)	Explain the functions of all the layers of OSI model.	[3]	3 Understand

:::::19/09/2025 :::::M