

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

**CLASS: MBA
BRANCH: MANAGEMENT**

**SEMESTER : III
SESSION : O/2023**

SUBJECT: MT539 BUSINESS DATA COMMUNICATION

TIME: 3 HOURS

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Define and explain about the concept of the communication system and communication link?	[5] 01	01
Q.1(b)	Define Data Rate Bandwidth? Differentiate between serial and parallel Transmission	[5] 01	04
Q.2(a)	How many types of LAN Topology and Ethernet? Explain	[5] 02	02
Q.2(b)	Write shorts notes on the following (i)NIC (ii)Switch(iii)ISDN(iv)CDMA (V)Router	[5] 02	02
Q.3(a)	Explain about the OSI reference model and TCP/IP?	[5] 03	02
Q.3(b)	Comparison between per to peer and client /Server Networking?	[5] 03	04
Q.4(a)	Explain about the application of mobile communication?	[5] 04	02
Q.4(b)	What is difference between in WAP and WML?	[5] 04	01
Q.5(a)	Gives the details of security requirement and explain the attack secrecy?	[5] 05	02
Q.5(b)	Explain the Network standard IEEE and LLC standard?	[5] 05	02

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