

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2023)

CLASS: BBA
BRANCH: BBA

SEMESTER : Fifth
SESSION : MO/2023

SUBJECT: MT311 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
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		CO	BL
Q.1(a)	What is computer network? Give advantages of computer network.	[2] 1	3
Q.1(b)	What are the various network control devices? Explain in detail.	[3] 2	3
Q.2(a)	Distinguish between LAN and WAN.	[2] 2	3
Q.2(b)	What is network topology? Explain the different network topologies.	[3] 2	2
Q.3(a)	Explain the applications of computer networks.	[2] 1	2
Q.3(b)	Identify the layers in OSI reference model and illustrate their functions.	[3] 2	4
Q.4(a)	Explain about the Guided transmission media in computer network?	[2] 2	3
Q.4(b)	Describe the role of network layer and transport layer in TCP/IP model.	[3] 3	4
Q.5(a)	What do you mean by digital transmission?	[2] 1	2
Q.5(b)	What are the different types of digital to digital to digital conversion?	[3] 2	3

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