

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

**CLASS: BBA
BRANCH: BBA**

**SEMESTER : VI
SESSION : SP/2024**

SUBJECT: MT311COMPUTER NETWORK CODE

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)	Write different applications of Computer Network in context of business	[5] 1	1
Q.1(b)	Discuss different LAN Topology with suitable diagrams.	[5] 2	2
Q.2(a)	Explain different TCP/IP protocol layers with related applications.	[5] 2	1,2
Q.2(b)	Differentiate Guided and Un guided transmission media with examples.	[5] 2	2
Q.3(a)	Discuss digital and analog transmission with related examples.	[5] 3	3
Q.3(b)	Briefly discuss Analog to digital transmission with diagrams.	[5] 3	3
Q.4(a)	What is multiplexing? Discuss its functionality with a diagram	[5] 2	1,2
Q.4(b)	Differentiate Synchronous and Statistical time division multiplexing with diagrams.	[5] 4	4
Q.5(a)	Write the role of Data link layer in communication system	[5] 2	3
Q.5(b)	Discuss Sliding window flow control with diagrams.	[5] 4	5

:::25/04/2024:::M