## POSSESION OF MOBILES IN EXAM IS UFM PRACTICE.

Name	Enrollment No	
	Jaypee Institute of Information Technology, Noida  T-1 Examination, 2024  B.Tech 6 <sup>th</sup> Semester  Title: Telecommunication Network  Code: 15B11EC611  Maximum Marks: 20	
CO1	To understand the basic concepts of Telecommunication network model, traffic engineering and switching technology. Also, to understand various mechanisms involved in OSI model, TCP/IP and LAN access protocols, ATM and ISDN.	
CO2	To apply the concepts of traffic engineering, switching technologies and various network protocols for solving network related problems.	
CO3	To analyze the link utilization and data packet generated after incorporation of data link error control and flow control mechanisms.	
CO4	To apply the concept of subnetting for evaluating address blocks in a network. Applying various routing algorithms to predict routing path for communication between two nodes.	
raffic, v <b>22.</b> For umber ) block	HCA rating for the processor? If the exchange is capable of carrying 700 E of what is CCR? Assume call holding time is 2 mins.  [CO2(Applying),4 Marks]  a 3-stage switching network having 256 inlets and 256 outlets, find out minimum of switching elements, if the switch is:  [CO2(Applying),4 Marks]  ing switch  clocking switch	
ind the ) Numb ) Size ) Conte  0 3	4x32 basic time division switch is operating in sequential read/random write mode. following:  [CO2(Applying),4 Marks]  ber of address lines  of data memory  onts of control memory for following connections of input and output: 30  52  1632  Islain the working of a memory- controlled time division space switch with the help of	
suitabl	e diagram. [CO1(Understanding),4 Marks]	
<b>)5.</b> Der	ive the expression of blocking probability for a 3-stage network.  [CO1(Understanding),4 Marks]	