* DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

MID TEST-II

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Course Name: Computer Architecture	Max. Marks: 20
Course Code: ECPC-211	Time Allotted: 50 Min
Date: 10.04.2024	Time: 10:30-11.20 AM
 Write microroutine for Branch instruction. 	Draw single bus organization showing necessary control
path and data path for the same instruction	· Tel
 Show a possible control sequence for imple MUL (R1), R2 	menting the instruction [5]
organization and multi bus organization	s in the product if any are discarded, use both single bus
Discuss microinstruction encoding methods	With proper examples
4. Discuss following:	
MFC, Control store	[3]
Discuss Microprogrammed control and H/W	control. Find out which type of control unit best suitable
for RISC and CISC based processor.	
	[3]