

## Department of Electronics & Telecommunication Engineering

## A. Source code:

## 1. Source code for Non-overlapped memory transfer:

ORG 00H

MOV R2,#0AH

MOV R0,#20H

MOV R1,#40H

label: MOV A,@R0

MOV @R1,A

INC R0

INC R1

DJNZ R2,label

**END** 

## 2. Source code for Overlapped memory transfer:

ORG 00H

MOV R2,#0AH

MOV R0,#29H

MOV R1,#2EH

label: MOV A,@R0

MOV @R1,A

DEC R0

DEC R1

DJNZ R2,label

**END**