Submitted By: Sugandha Tejeswee Branch > FLEX 3rd year, General Shift Subject > Microferocessor & Applications Date Addressing Modes in 8085: 8085 माइक्रोप्रीसेसर में प्रत्येक Instruction के साथ कोई data or information होता है जिसे instruction के मादयम स source à Destination dit Transfer Pares stat & Source > 20th Register, any input part 21 8 bit Data ET Destination & Pan Register, and output port ET HANNI &1 2 ource 1211 Destination oberands Eta El Oberands and denote aroi an Various format ETAT &1. उन राश्री मिशिन format की Addressing modes कहते हैं। 8085 à Various addressing modes É:-1 Immediate Addressing 3 Direct Addressing (2) Register Addressing 9 Judirect Addressing Descole & Jerd alla skerify Eldt & 321 immediate Addressing mode thet E1-Example: a) MVI 92 H

92 (Data) register BFi Pagez Ofcode operand Tromsfer EINT EI B 92H Add the data (59 H) to the contents of Accumulator b) ADI 59H -Data [59H) + Accumulatos (content) Immediate Addressing mode fi ofer and generally idata Et Etat Et dis 86it at 16bit and Data. Indirect Addressing mode: ~ In this mode, the address of operand is specified by a register pair example: a) STAX B -> Accumulator and Content
Opcode Operand register pair BC 5121 pointed
memory location 42 Store Etal E ex: STAX B so, 50 H will be strend at memory location 2003 Given A = 50H ) DE register four GTZI formted b) LDAX B memory location on content, accumulatos fi load Etal E. Okcocle Operand

(3) x Direct Addressing mode: 27 Addressing mode Fi Coperand / Pata and Address instruction fi Directly But Elat El example: -> Store the content of Accumulator into the memory location 2050H a) STA 2050H Operand Okarch M:- STA 2050H 12051 g - Memory Locations Given A= 60H 60H is stored in 2050 M Memory Locations (4) Register Addressing mode: 321 Mode Fi operand (operand ordata), GPR (General purpose registers) Fi Eta E'I example;-> 27 H 1st oferend B' a) MOV B, C destination of AM 2nd operand C' source de Denote dira E) opacle oferand NEI Les Instruction Fi register C at Content, register B Fi Fransfer III Move Eldi El roue to s reg B Now reg B reg (content) has date of x 23/03/2020