Name:	Printed Pages: 01
Student University Roll No.:	

School of Engineering

First Sessional Examination, Odd Semester (AS: 2022-23)

B. Tech: CSE

Year: 3rd	Semester: V
Course Title: Microprocessor and Interfacing	M.M.: 30
Course Code: BCS 3502	Time: 1 hr

Instructions if any: Read the question carefully.

	SECTION 'A' **Q.N.1. Attempt all parts of the following:**	**Course Objective**	**Marks**
a)	Explain about timing delay.	CO1	1
b)	What is interrupt?	CO1	1
c)	Describe counting and indexing in MP.	CO1	1
d)	What do you mean by program looping?	CO2	1
e)	Explain about Arithmetic operation.	CO2	1
	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Marks**
a)	Explain the function of Accumulator and flag register.	CO2	7.5
b)	Write short notes on following instructions of 8085 with suitable examples : I. XCHG II. DAD III. DAA IV. XTHL	CO2	7.5
c)	Write the function of following pins of 8085 S_0,$S_1$and IO.	CO2	7.5
d)	Describe the difference between fetch cycle and memory read cycle.	CO1	7.5
	SECTION 'C' **Q.N.3. Attempt any one part of the following**	**Course Objective**	**Marks**
a)	Explain about memory hierarchy design technology	CO1	10
b)	Give detail classification of data transfer schemes.	CO2	10
c)	Describe the architecture of 8085 in detail.	CO2	10

Table 1: Mapping between COs and questions

(Number of COs may vary from course to course)

COs	Questions Numbers	Total Marks
CO1	1a),1b),1c),2d)	20.5
CO2	1d),1e),2a),2b),2c),3b)	44.5