Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: 2021	**School of Technology**	**Department: CSE**
Course Code: CST213	**Course Title: Microprocessor & Microcontroller**	**Semester : III**
Day and Date: Tuesday, 06/07/2021	**End Semester Examination**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are compulsory.

		Marks	Bloom's Level	CO
Q.1	**Answer/Solve the following (any Two)**–			
a)	Draw and Explain the 8085 microprocessor architecture.	8	L3	CO1
b)	With a neat diagram explain in detail an architecture of 8086 microprocessor.	8	L3	CO2
c)	Explain the addressing modes of 8085 microprocessor.	8	L2	CO1
Q.2	**Answer/Solve the following (any two) –**			
a)	Draw & Explain block diagram of 8087 NDP.	8	L2	CO3
b)	What is 8255 PPI IC? With neat diagram explain its functionality	8	L3	CO4
c)	Elaborate Synchronous and Asynchronous serial communication in detail.	8	L3	CO4
Q.3	**Answer/Solve the following (any two) –**			
a)	Give the difference between Microprocessor and Microcontroller	9	L4	CO5
b)	Draw and explain architectural block diagram of 8051 microcontroller block diagram	9	L3	CO5
c)	Write a program to store data FFH into RAM memory locations 50H to 58H using direct addressing mode.	9	L2	CO6

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