## SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar B.Sc. (5<sup>th</sup> Sem) Examination - 2013 [CBCS] 12<sup>th</sup> November, 2013

10:30 am - 1:30 pm

US05CINS01 (Instrumentation)

8085 Microprocessor Architecture and Programming - 1

Maximum Marks: 70

Que 1	Each question below gives a multiple choone.	oice of a	nswers. Choose the most appropriate [10]
1	Program Counter is bit Register.		
	i. 8	ii.	16
	iii. 32	iv.	None of the above
2	The 74LS245 includes Bus Drivers.		(8)
	i. 4	ii.	8 a LIBRARY
	iii. 16	iv.	None of the above
3	Crystal frequency of 8085 uP is		
	i. 3 KHz	ii.	6 KHz
	iii. 3 MHz	iv.	None of the above
4	ADI is byte instruction.		
	i. 1	ii.	2
	iii. 3	iv.	None of the above
5	Flag is affected during Data Transfer Operations.		
	i. Carry	ii.	Zero
	iii. Sign	iv.	None of the above
6	The Data Bus is a group of lines.		
	i. 4	ii.	8
	iii. 16	iv.	None of the above
7	Signal is used to delay the uP Re	ad or W	/rite cycles until a slow - responding
	peripheral is ready to send or accept data.		
	i. HOLD	ii.	RESET OUT
	iii. READY	iv.	None of the above
8	NOP is byte instruction.		
	i. 1	ii.	2
	iii. 3	iv.	None of the above
9	If zero flag is 1, then flag is also 1.		
	i. Carry	ii.	Zero
	iii. Sign	iv.	None of the above
10	The Address Bus is a group of lines.		
	i. 8	ii.	12
	iii. 14	iv.	None of the above