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V Semester Diploma Examination, Oct./Nov.-2019

MECHATRONICS

Tin	ne: 3 Hours]	[Max. Marks : 100
Not	e: (i) Answer any six questions from Part – A. (ii) Answer any seven full questions from Part – B.	
	(11) Answer any seven run questions from Part – B .	
	PART – A	
1.	List the factors for selection of sensors.	5
2.	Explain the measurement systems with block diagram.	5
3.	Describe, briefly the digital signals.	5
4.	Explain, briefly data acquisition system.	5
5.	Define stepper motor. List it's types.	5
6.	Explain the working of Hydrostatic bearing.	5
7.	List different control modes.	5
8.	Explain continuous control systems with example.	5
9.	Explain input/output processing.	5
	1 of 2	[Turn over