Name: <u>SOLUTION</u>		Reg. No:	
. The two classifications of industrial control systems are Motion control and Process control.			
2. A closed loop industrial system	em typically uses negat	ive feedback.	
List two examples each for r discussed in the class)	motion control system ar	nd position control system	. (other than that
	m: CNC machine tool e em: Oil refining, Paper r	quipment, printing presses	s, packaging equipment
List atleast one example of a for process control application		used in motion control app	lication and one example
Motion Control: spee Process Control: Thre			
5. Which of the following eleme configuration? a) comparator	ents and signals of a cor	ntrol system do not exist in	an open-loop d) measurement device
6. The set point typically remain a) motion	ns unchanged in a b) process	control system. c) open-loop	d) none of above
7. The factor that upsets the m variable is referred to as dis		eing performed, causing a	change in the controlled
8. List out the factors that caus Inertia, capacitance,	e process lag time. resistance and dead to	ime	
9. Which of the following condit a) excessive lag time c) large disturbances	tions are compensated t	b) an error sign	
10. Feed-forward control make control makes corrections f a) measurable, unmec) measurable, measurable, measurable,	oreasurable	disturbances.	ances, and feedback le, measurable (b)