

Code: 15AT41T

Register					
Number					

IV Semester Diploma Examination, April/May-2019

FLUID POWER TRANSMISSION & CONTROL SYSTEM

	CONTRIBUTION & CONTRI	OL SYSTEM
Tin	ne : 3 Hours] [M	ax. Marks : 100
Inst	truction: (i) Answer any six questions from PART – A. (ii) Answer any seven questions from PART – B. (iii) PART – A carries Five marks each and PART – B carries	ies Ten marks each.
	PART – A	
1.	List the applications of fluid power engineering in industrial automatic	on. 5
2.	Explain Pascal's law with examples.	5.
3.	What are the functions of valves? How they are classified?	OXY ORQ BY BETA CONSOLE &
4.	With a neat sketch, explain the spring loaded accumulator.	5
5.	List the different areas of applications of pneumatics in industries.	5
6.	Draw the block diagram of pneumatic system and label its parts.	5
7.	Explain the functions of air-lubricator.	5
8.	List the difference between pneumatics and hydraulics.	5
9.	What is combination system? What are its advantages?	5