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## VI Semester Diploma Examination, Nov./Dec.-2018

	INDUSTRIAL DRIVES & CONTROL	
Tim	e: 3 Hours   [ Max. Marks: 10	0
Note	<ul> <li>(i) Answer any six questions from Part – A. (Each question carries 5 marks)</li> <li>(ii) Answer any seven questions from Part – B. (Each question carries 10 marks)</li> </ul>	
	PART – A BETA CONSOLE!	
1.	Draw the block diagram of an Electric drive.  Diploma - [All Bran	5 iches
2.	Select suitable drive for the following and justify the same:  (a) Cane cutters  (b) Cane crushing mills	5
3.	Select suitable drive for large centrifugal pump and justify the same.  Diploma Question Papers	[2015
4.	Define open loop and closed loop systems.	5
5.	Draw the symbols for the following:  (a) ON push button  (b) OFF push button  (c) Coil  (d) Limit switch  (e) Float switch	5
6.	Draw 2-wire and 3-wire control circuit for controlling an induction motor.	5
7.	Develop control circuit for controlling an induction motor from one location.	5
8.	Develop control circuit for jogging control of an induction motor.	5
9.	List the advantages of Electric traction.	5