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Examination: 2017 SUMMER

Que.No	Question/Problem	marks
Q 4a)(c)	Explain with sketch, a pneumatic circuit for speed control of bidirectional motor.	4
Q 5 a)	List the factors to be considered for selecting the pipe while designing the pneumatic system. Give specification of pipes for the pneumatic system.	8
Q 5 b)	Draw and explain pneumatic meter in circuit to control of speed extension.	8
Q 5 c)	Explain with neat sketch (position based) working of sequencing circuit for two double acting Air cylinders.	8
Q 6 a)	Draw speed control of single acting cylinder pneumatic circuit using 3 × 2 DC valve	4

Examination: 2017 WINTER

Que.No	Question/Problem	marks
Q 5 b)	Develop a pneumatic circuit for operation of two DA cylinders such that one operates after other using travel dependant sequencing	8
Q5c)	Explain pneumatic impulse circuit with neat sketch	8
Q6e)	Explain pneumatic circuit for speed control of single acting cylinder with neat sketch.	4

Examination: 2016 WINTER

Que.No	Question/Problem	marks
Q6e)	How can the speed control of any actuator be achieved	4