

Module-4

- 7 a. Illustrate the structure of pneumatic system with a neat diagram. (10 Marks)
b. Explain supply air throttling and exhaust air throttling. (10 Marks)

OR

- 8 a. Explain Direct and Indirect actuation of pneumatic cylinders. (10 Marks)
b. Describe the advantages, limitations and applications of pneumatic system. (10 Marks)

Module-5

- 9 a. With the help of pneumatic system, explain the use of logic OR gate. (10 Marks)
b. With the help of motion control diagram explain the control of double acting cylinder. (10 Marks)

OR

- 10 a. Using pneumatic systems describe the use of logic AND gate. (10 Marks)
b. Explain the working of solenoid, and give a practice example. (10 Marks)
