

18ME55

OR

- 8 a. Differentiate between hydraulic system and pneumatic systems. (06 Marks)
b. With neat sketch explain FRL unit with symbol (08 Marks)
c. With a circuit diagram explain
i) Quick exhaust valve
ii) Time delay valve. (06 Marks)

Module-5

- 9 a. Explain OR and AND gates in pneumatic systems with circuits. (10 Marks)
b. With neat sketch and symbol explain 2/2 poppet valve. (06 Marks)
c. What are the two types of air Throttling? Differentiate between them. (04 Marks)

OR

- 10 a. What are the rules to be followed to draw a motion diagram? (06 Marks)
b. With a neat diagram, explain signal flow pneumatic structure. (08 Marks)
c. Briefly explain about relay and contactors. (06 Marks)

CMBIT LIBRARY
BANGALORE - 560 037
