

# INDUSTRIAL PROGRAM

- 1) PLC Traffic Light System
- 2) PLC Program to Implement Various Logic Gates
- 3) PLC Program to Implement Various Boolean Functions
- 4) PLC Program to Implement Various Boolean Functions With Don't Care Condition
- 5) PLC Program to Implement a Combinational Logic Circuit (1)
- 6) PLC Program to Implement a Combinational Logic Circuit (2)
- 7) PLC Program to Implement Binary to BCD Converter
- 8) PLC Program to Implement BCD to Excess-3 Code Conversion
- 9) PLC program to implement Excess-3 to BCD Conversion
- 10) PLC Program to Implement Binary to Gray Code Conversion
- 11) PLC Program to Implement Gray Code to Binary Conversion
- 12) PLC Program to Implement BCD to Gray Code Conversion
- 13) PLC Program to Implement 2-bit Magnitude Comparator
- 14) PLC Program to Implement 4:1 Multiplexer
- 15) PLC Program to Implement 8:1 Multiplexer
- 16) PLC Program to Implement 1:8 Demultiplexer
- 17) PLC Program to Implement 3 to 8 Line Decoder
- 18) PLC Program to Implement 8 to 3 Encoder
- 19) PLC Program to Implement SR Flip-Flop
- 20) PLC Program to Operate Seven Segment Display
- 21) PLC Program to Operate Stamping of Parts
- 22) PLC Program to Implement D Flip Flop

- 23) PLC Program to Implement T Flip Flop
- 24) PLC Program to Simply Latch and Unlatch an Output
- 25) PLC Program to Latch and Unlatch an Output by Sealing
- 26) PLC Program to Latch and Unlatch Output With Time Delay
- 27) PLC - Car Parking System
- 28) PLC - Classroom Capacity
- 29 )PLC - Automatic Car-Wash
- 30) PLC - Operate 4 Outputs - Delay
- 31) PLC - Interlocking Drive Motors
- 32) PLC - Forward/Reverse Drive
- 33) PLC - Single Tank Level Control
- 34) PLC - Two Tanks Level Control
- 35) PLC - Series Tanks Level
- 36) PLC - Parallel Tanks Level
- 37) PLC - Tank - Heating Liquid
- 38) PLC - Tank - Control Mixing
- 39) PLC - Control Processing Line
- 40) PLC - Bottle Filling System
- 41) PLC - Conveyor - Count Parts
- 42) PLC - Conveyor - Pack Parts
- 43) PLC - Conveyor Sequence
- 44) PLC - Drilling of Parts
- 45) PLC - Cleaning/Rinsing Bottles
- 46) PLC - Conveyor - Sort Parts
- 47) PLC - Heat Tank - Steam Flow

- 48) PLC - Products Heating/Mixing
- 49) PLC - Maintain Tank Level
- 50) PLC - Continuous Tank Reactor
- 51) PLC - Heat/Bend Glass Tubes
- 52) PLC - Bottle's Capping Rotation
- 53) PLC - Beverage Bottle Capping
- 54) PLC - Conveyor Bottle Removal
- 55) PLC - Event Time Measurement
- 56) PLC - Light as Signal
- 57) PLC - Reset NonRetentive O/P
- 58) PLC - Counter Preset Value
- 59) PLC - Drain Same Products
- 60) PLC - Drain Different Products
- 61) PLC - Display Tank Level
- 62) PLC - Display More Tank Levels
- 63) PLC - Spray-Painting
- 64) PLC - Separate Big/Small Parts
- 65) PLC - Operate Screwing of Parts
- 66) PLC - Detect Burned Chips
- 67) PLC - Store Process Data
- 68) PLC - Store Temperature Data
- 69) PLC - Oil/Water Separation
- 70) 4 Lamp Process
- 71) 4 Lamp Process Continous With Reverse Direction
- 72) 4 Lamp Process Continous With 5 Count

73) Mixing Process

74) Mixing Process Continuous

75) Mixing Process With 5 count

76) Bottel Filling Process

77) Bottel Filling Process Continuous

78) Bottel Filling With Capping process

79) Sensor Process

80) Sensor Process Continuous