

**Control of Electrical Machines  
Important 2 Mark questions**

1. Draw the diagram of electronic timer.
2. List any three starter for AC motor.
3. What is the need for timer relay in star-delta starter?
4. What is the necessity of sequential control in conveyor system?
5. What is the advantage of using modular PLC?
6. What are the applications of PLC?
7. What is examine OFF instruction in PLC?
8. What is a present time of PLC timer?
9. Name the types of push button switches used in the control circuits.
10. Write the uses of limit switch.
11. Write the types of timer used in automatic star-delta starter.
12. Mention the HP upto which the DOL starter can be used.
13. What is meant by cascading timer?
14. Name any four trouble spots in control circuits.
15. What are the types of electric oven?

**Important 3 Mark questions**

1. Compare ON delay and OFF delay timer.
2. Write the principle of dynamic relay.
3. Draw the circuit diagram of skip hoist control.
4. Explain the memory organization of PLC.
5. Briefly explain about status bit of counter.
6. What is sequence interlock? Draw the simple diagram of it.
7. Write the general procedure for trouble shooting.
8. Draw the block diagram of ECKO proximity switch.
9. How variation of temperature is achieved in electric oven?
10. Discuss about ON-delay timer with ladder logic diagram.