

**Programmable Logic Controller  
Important 2 Mark question**

1. List the parts of PLC.
2. Name some of the special I/O modules used in PLCs.
3. List the various programming methods of PLC.
4. What are the types of timers used in PLCs?
5. List the various levels of industrial networks.
6. What is modbus?
7. What is the use of modems in SCADA?
8. What is a relay?
9. What is the process of PLC scan?
10. What is meant by the term sourcing?
11. List down the various types of programming a PLC.
12. What is the function of examine OFF instruction?
13. List the advantages of tree topology.
14. What are the types of Ethernet?
15. List down the types of processes.

**Important 3 Mark question**

1. Describe the criteria for selection of PLC.
2. List some of the Math instructions.
3. State the different types of logics used in PLCs with their ladder diagrams.
4. Briefly discuss about serial communication.
5. Explain PID instruction.
6. What is the purpose of photoelectric switches?
7. Draw the equivalent ladder diagram of OR gate.
8. List the advantages of bus topology.
9. What is the necessity of File Transfer Protocol?
10. State any two advantages of DAS.