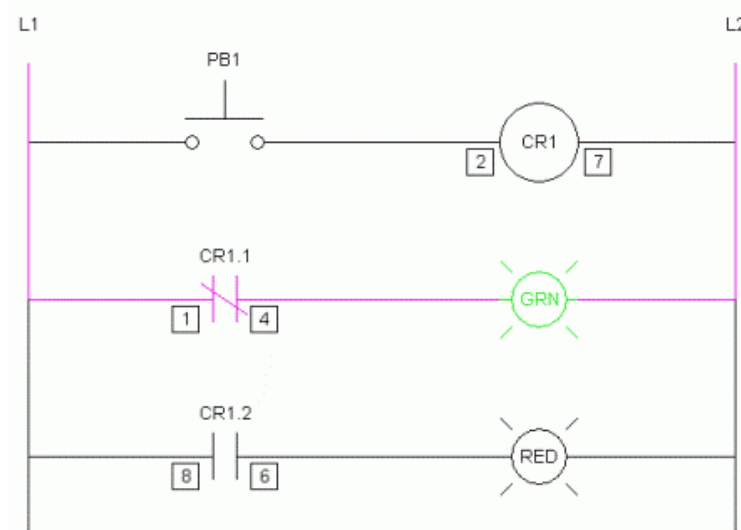


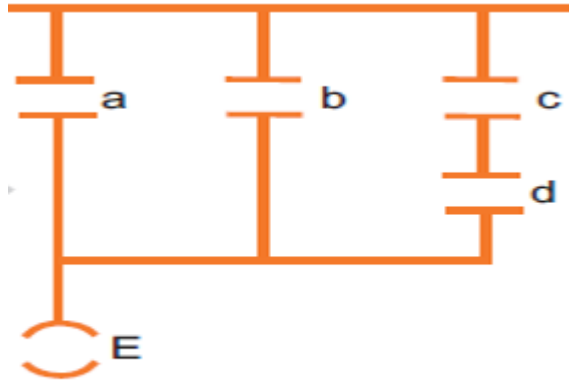
Quiz 1 – Introduction to Hardware S7-1200 PLC

1. In **"START UP"** mode what is the step after when **"PROCESS INPUT IS CLEARED"**
 - **Outputs are initialized with last value**
 - Any start-up logic is executed
 - State of physical input is copied to 'I' memory
 - Any interrupt present in the logic is executed
2. What is the range of Analog Input in S7-1200 PLC
 - 0 ~ 5 VDC
 - **0 ~ 10 VDC**
 - 0 ~ 20 VDC
3. In **SINKING INPUT** what you connect to the Input Common **"1M"** terminal
 - 24 VDC
 - **0 VDC**
4. In **SOURCING INPUT** what you connect to the Input Common **"1M"**
 - **24 VDC**
 - 0 VDC
5. In which mode of PLC "the scan cycle is executed repeatedly and the logic is solved"
 - **RUN**
 - STOP
 - Error/Maintenance
6. In the below Schematic diagram what will happen if **PB1 is TRUE?**



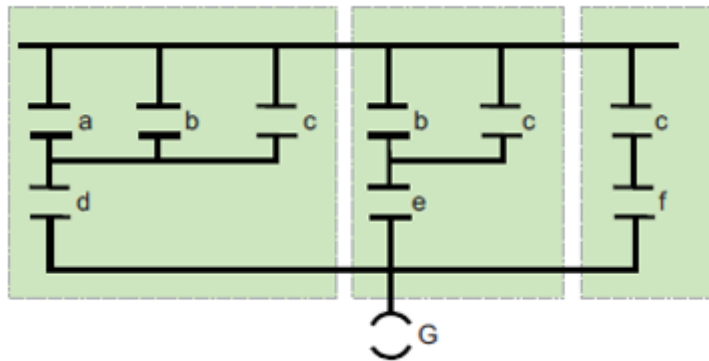
- **RED Light will be ON**
- GREEN Light will be ON
- Both Lights will be ON
- Both Lights will be OFF

7. In the below schematic diagram, in which case "E" will be **TRUE**?



- When 'A' is TRUE
- When 'B' is TRUE
- When 'C' and 'D' are TRUE
- **All of the above cases**

8. In which of the following case **Output "G"** will **not** be TRUE



- When A and D are TRUE
- When B and D are TRUE
- When C and D are TRUE
- When B and E are TRUE
- When C and E are TRUE
- When C and F are TRUE
- **When B and C are TRUE**