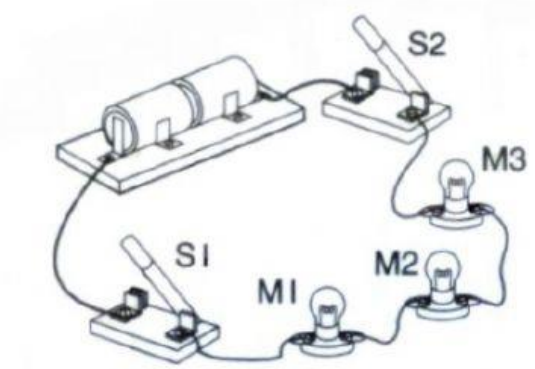
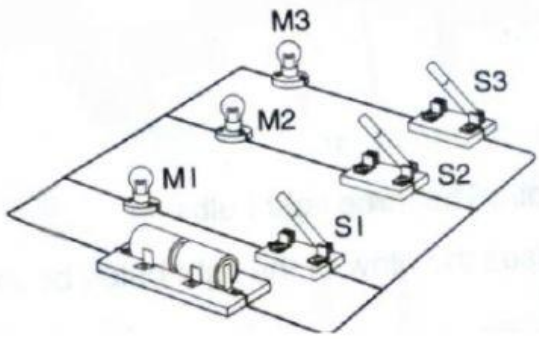
State whether the light bulb "Glows" or "Does not glow" whenthe swtch is opened and closed.

(a) Series circuit



Switch	Glow of light bulb		
	M1	M2	M3
S1 is closed, S2 is opened			
S1 is opened, S2 is closed			
S1 is opened, S2 is opened			
S1 is closed. S2 is closed			

(b) Parallel circuit



Switch	Glow of light bulb		
	M1	M2	M3
S1 closed, S2 closed, S3 opened			
S1 closec, S2 opened. S3 closed			
S1 opened, S2 closed, S3 closed			
S1 opened, S2 closed, S3 : opened			