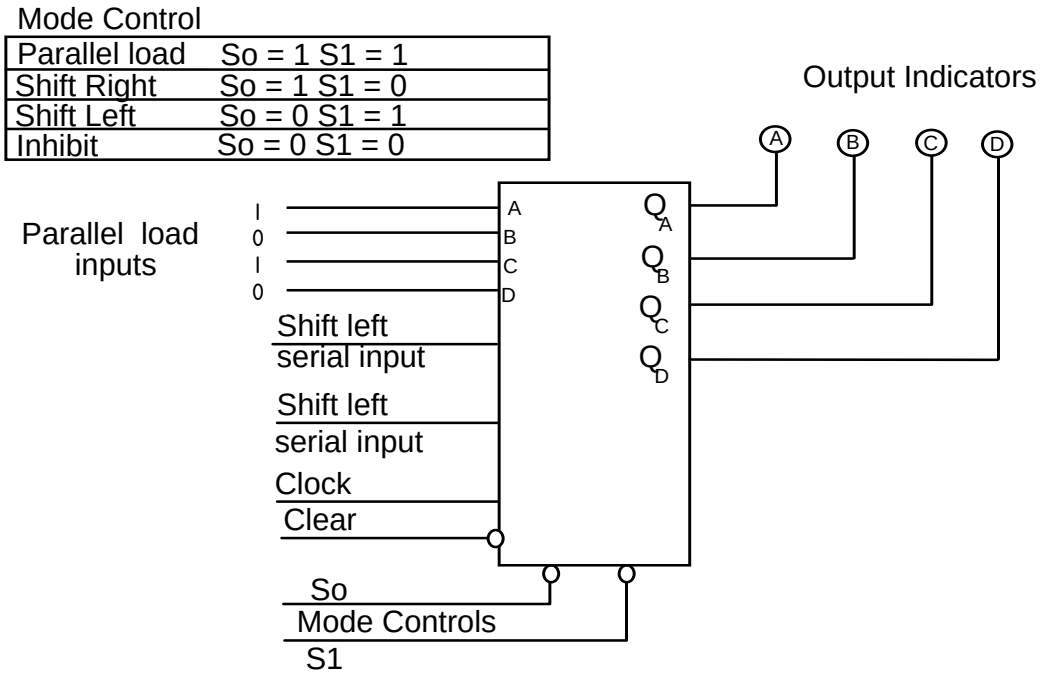
ICT Shift Register HW #3

Complete the given table

Line Number	Clear	Shift Left	Shift Right	So	S_1	Clock Pulse	Outputs			
							A	B	C	D
1	0	x	x	1	1	↗				
2	1	0	1	1	0	↗				
3	1	1	0	1	0	↗				
4	1	1	1	1	0	↗				
5	1	0	0	1	0	↗				
6	1	0	1	1	0	↗				
7	0	x	x	x	x	↗				
8	1	0	0	1	1	↗				
9	1	0	0	0	1	↗				
10	1	1	0	0	1	↗				
11	1	0	1	0	1	↗				
12	0	1	0	1	1	↗				
13	1	1	1	1	1	↗				
14	1	1	0	1	0	↗				
15	1	0	1	1	0	↗				
16	1	0	1	0	1	↗				

Use the Shift Register below to fill in the above table:



Complete the given table

Line Number	Clear	Shift Left	Shift Right	So	S_1	Clock Pulse	Outputs			
							A	B	C	D
1	0	x	x	I	I	↗				
2	I	I	0	I	0	↗				
3	I	0	I	I	0	↗				
4	I	I	0	I	0	↗				
5	I	I	0	0	I	↗				
6	I	0	I	0	I	↗				
7	I	I	0	0	I	↗				
8	I	0	I	0	I	↗				
9	I	I	I	I	I	↗				
10	I	0	0	I	0	↗				
11	I	I	I	0	I	↗				
12	0	I	I	I	I	↗				
13	I	I	I	0	I	↗				
14	I	0	I	I	0	↗				
15	I	I	0	0	I	↗				
16	I	0	I	0	I	↗				

Use the Shift Register below to fill in the above table: