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Ans to q. no. 2

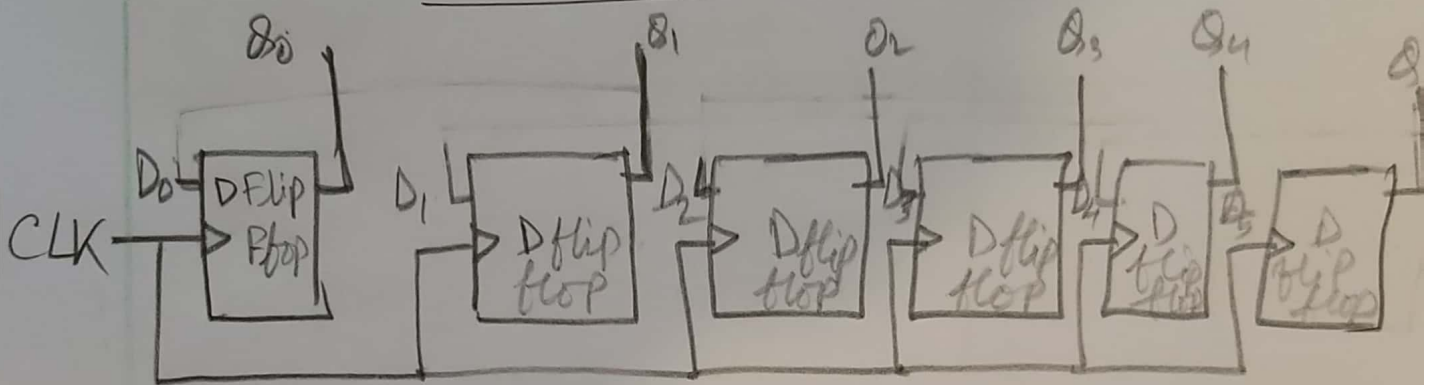

Fig: SIPO 6 bit (Right shift)

Ans. to q. no- 1

Partition & Memory		Process	Memory required	First Fit	Best Fit	Worst fit
P1	100KB	Pr 1	212 KB			
P2	500KB	Pr 2	417 KB	Pr1 212KB	Pr2 417KB	Pr2 417KB
P3	200KB	Pr3	112KB	Pr3 112KB	Pr3 112KB	
P4	300KB	Pr4	426KB		Pr2 212KB	Pr3 112KB
P5	600KB			Pr2 417KB	Pr4 426KB	P1 212 KB

For First fit : Process 4 with 426KB Memory requirement will have to wait for other processes to finish; Two partitions remains unused.

For Best Fit : All the processes will have memory space & No process will have to wait.

(P.T.O)

For worst Fit: Processes 1, 2, 3 will occupy the largest spaces respectively and Procen 4 will have to wait untill Partition 2 or 5 get freed by other processes.

Best fit is the best with no waiting processes, then first fit is good with less memory misuse Worst fit is in 3rd position with waiting processes and small processe using big memory partitions.