1. Consider a 3-bit counter, designed using T flip-flops, as shown below:
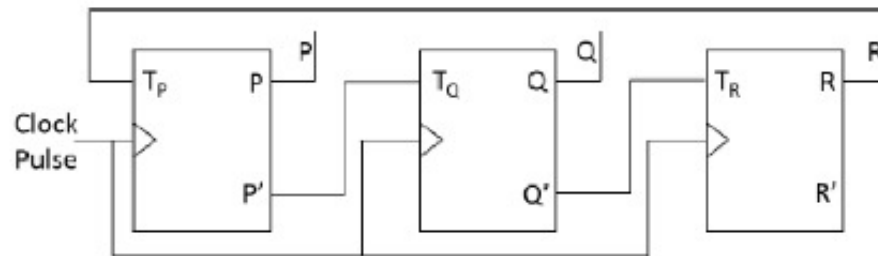

Figure 1

Assuming the initial state of the counter given by PQR as 000, what are the next three states?

(A) 011, 101, 000
(B) 010, 101, 000
(C) 010, 101, 000
(D) 010, 101, 000

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