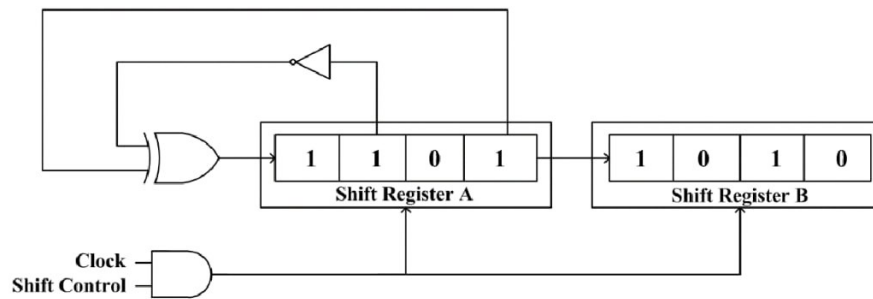November 24, 2023

question

1. In the cricult shift, the initial binary content of the shift register A 1101 and that of shift register B is 1010 The shift registers are positive edge triggered, and the gates have no delay.

   when the shift control is high,what will be the binary content of the shift registers A and B after clock pulses ?

(a) $A = 1101, B = 1101$

(b) $A = 1110, B = 1001$

(c) $A = 0101, B = 1101$

(d) $A = 1010, B = 1111$