

9

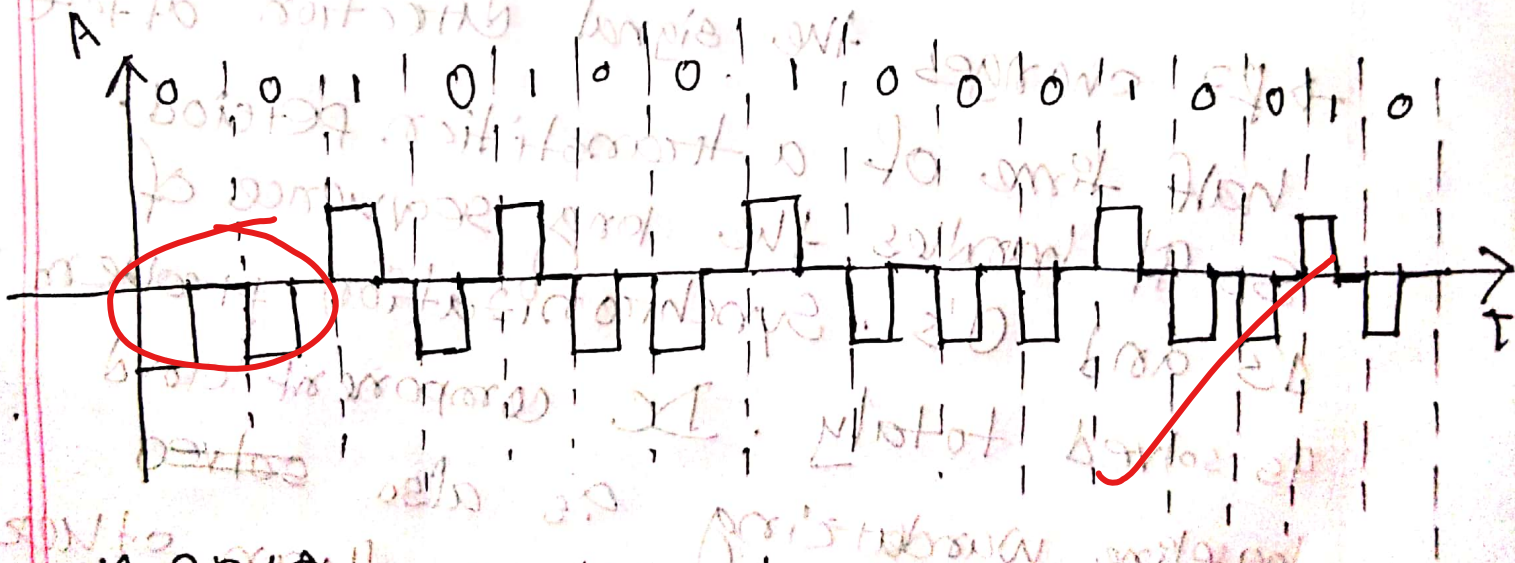
Ans. To The Ques, No: 1 (d)

Birth date = 29/12/2000.

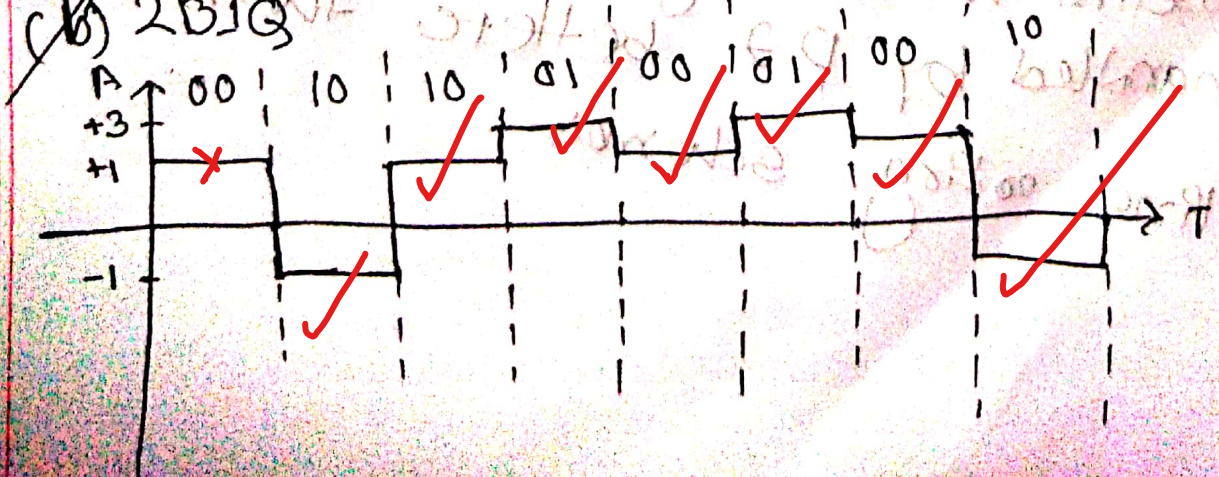
$$\therefore (2912)_{10} = (0010100100010010)_2$$

$$ID = 18101046 \% 25 = 0$$

(a) RZ

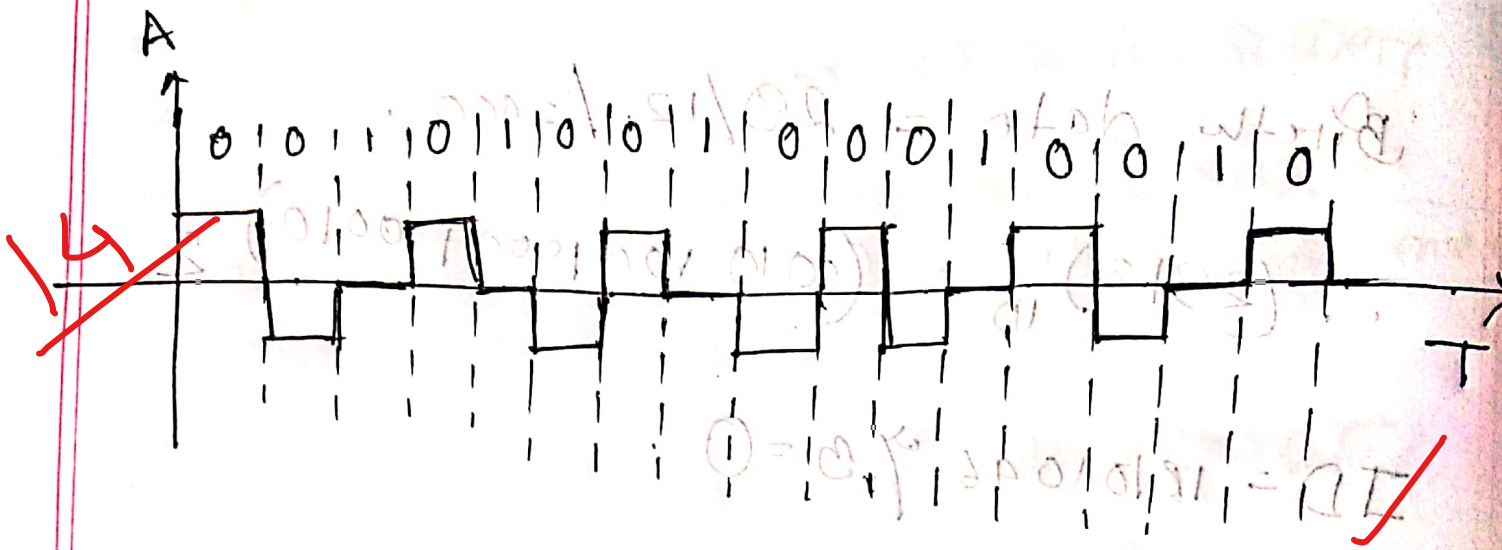


(b) 2B1Q





(C) Pseudoternary:



Ans. To The Ques. No: 10

→ If  $PZ$  changes the signal direction after half time of a transition period. So it handles the long sequence of 1's and 0's. Synchronization problem is solved totally. DC component and baseline wandering is also solved handled by  $PZ$  better than other line coding schemes.