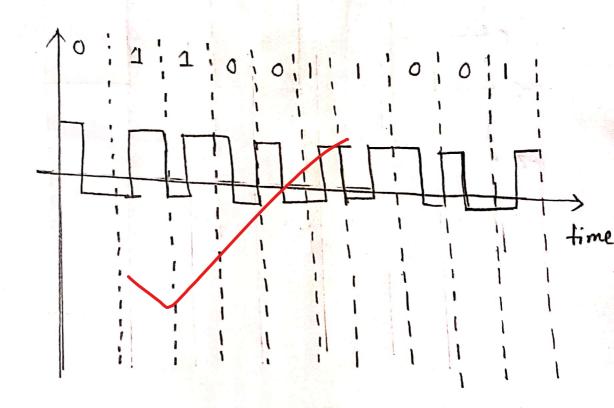
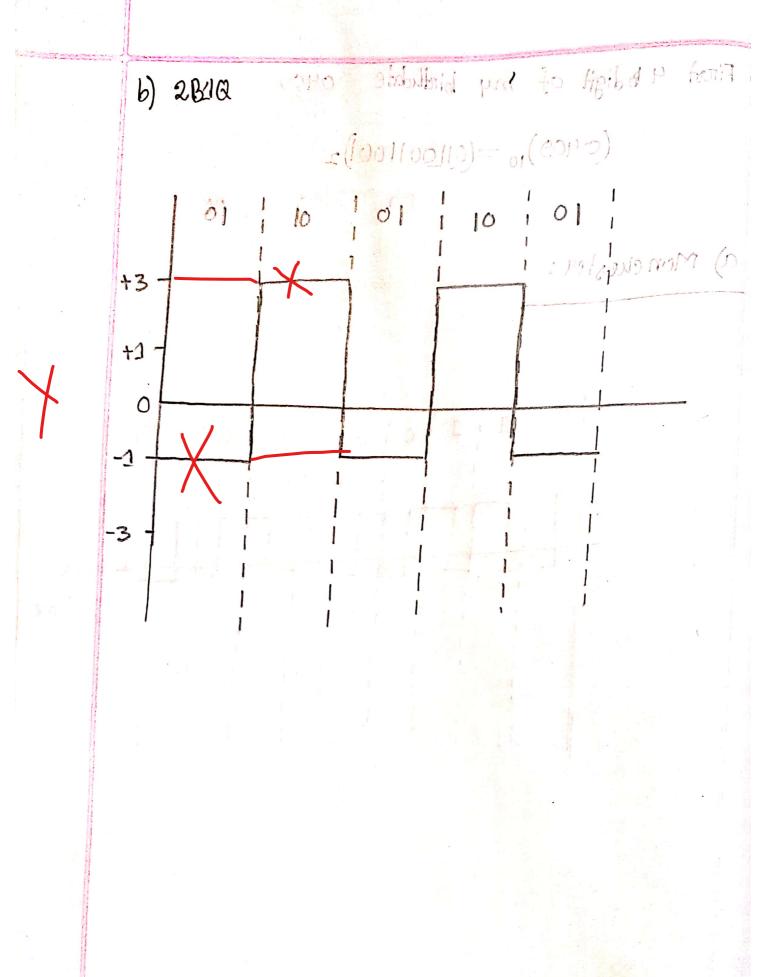
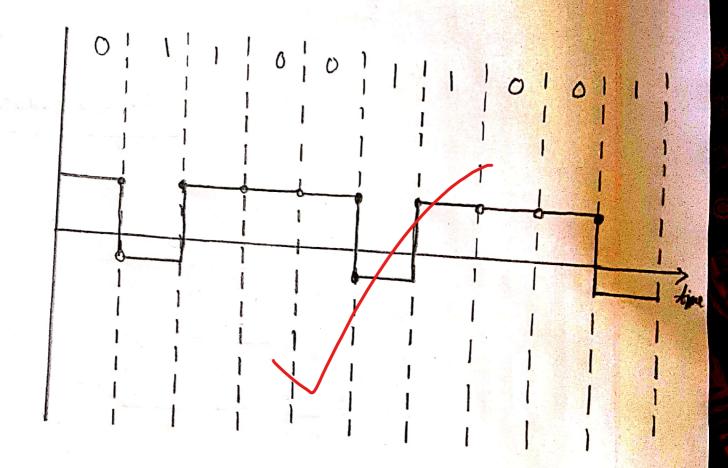
15

1.a) First 4 b digit of my birthdate 0409  $(9409)_{10} = (9110011001)_2$ 

## a) Manchester:







b) Between Unipolar, Polar and Bipolar-

Unipolari -> This scheme is very costly

POlari -> Here is synchronization problem

Bipolari -> This scheme is developed as an alternative

to NRZ.

No problem occur in long 0's or 1's requerel.

50, Bit Bipolar scheme is better.