

Name: Rumman Ahmed Proddham  
18101018 CT-2

19

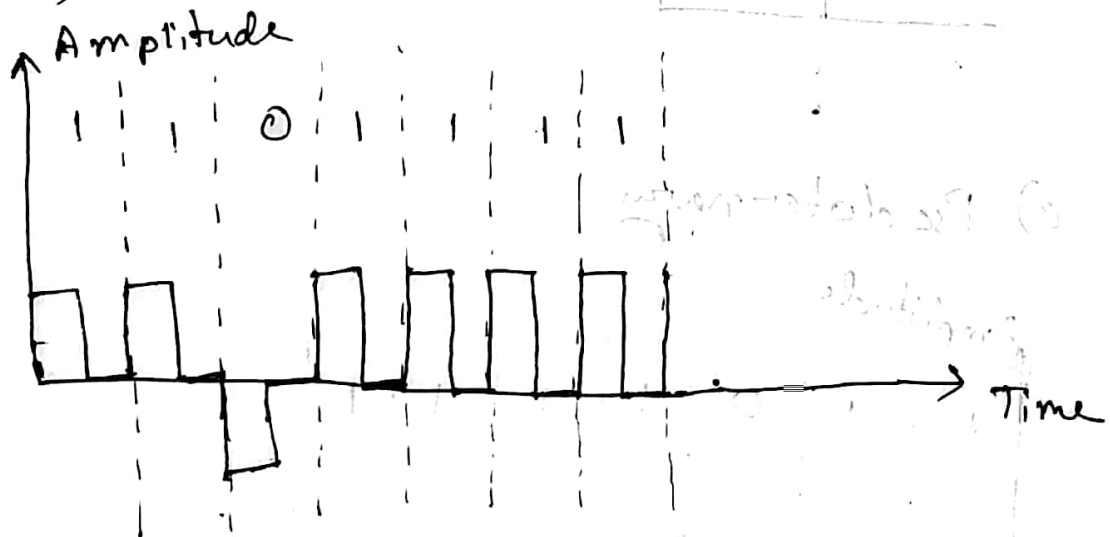
1. a) My birthday = 01/11/1998

$$(0111)_{10} = (110111)_2$$

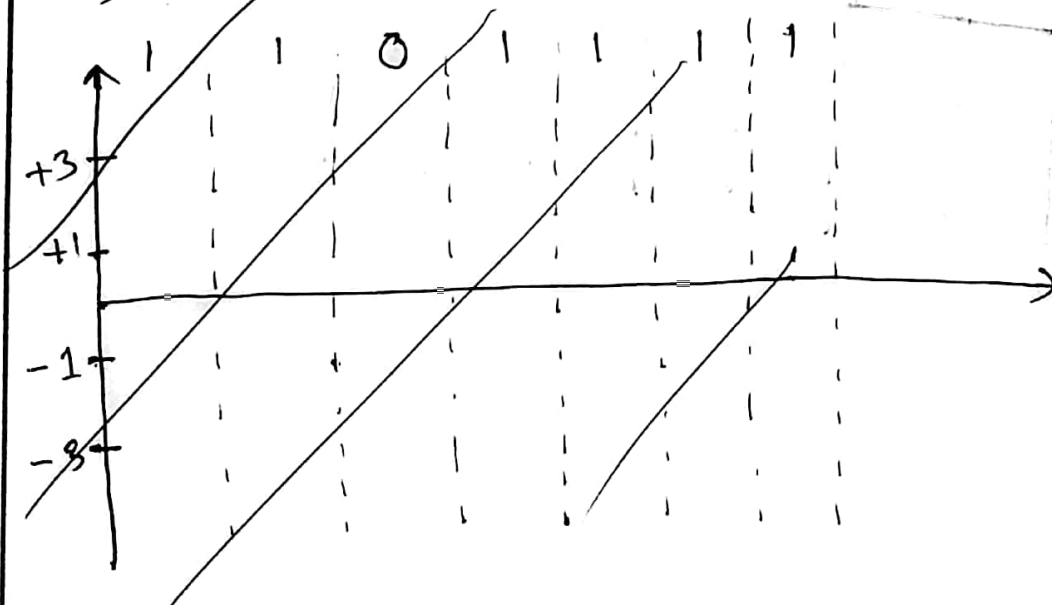
My ID is = 18101018

It is divisible by 3.

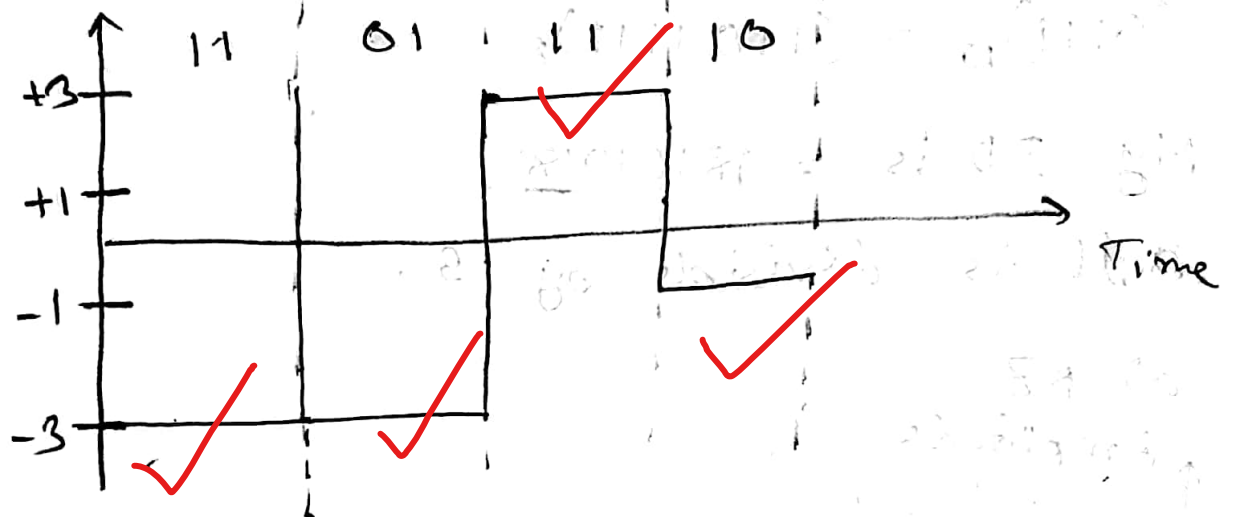
a) RZ



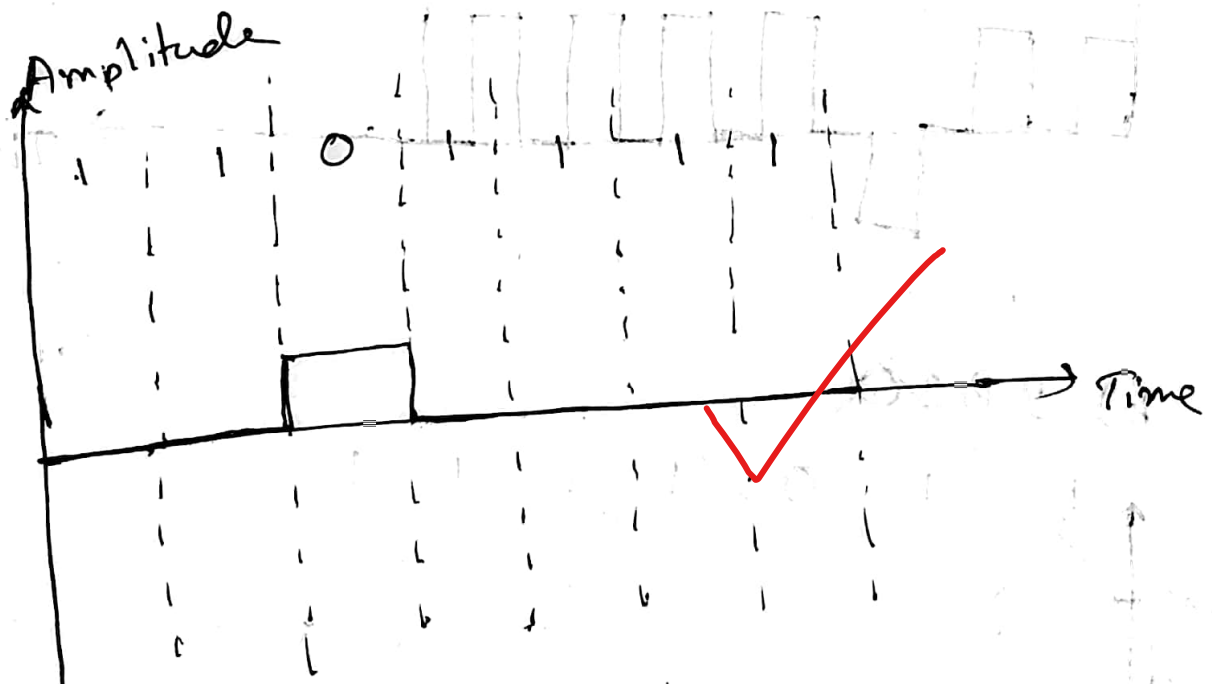
b) 2B1Q



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c) Pseudoternary



6) According  
~~Three lines of~~

~~to~~

Three line coding schemes are

⇒ RZ

⇒ 2B1Q

⇒ Pseudoternary

4

To me RZ is the better because it  
solve has self synchronization along  
with no problem of DC component  
is alleviated and here band required  
bandwidth is really low where