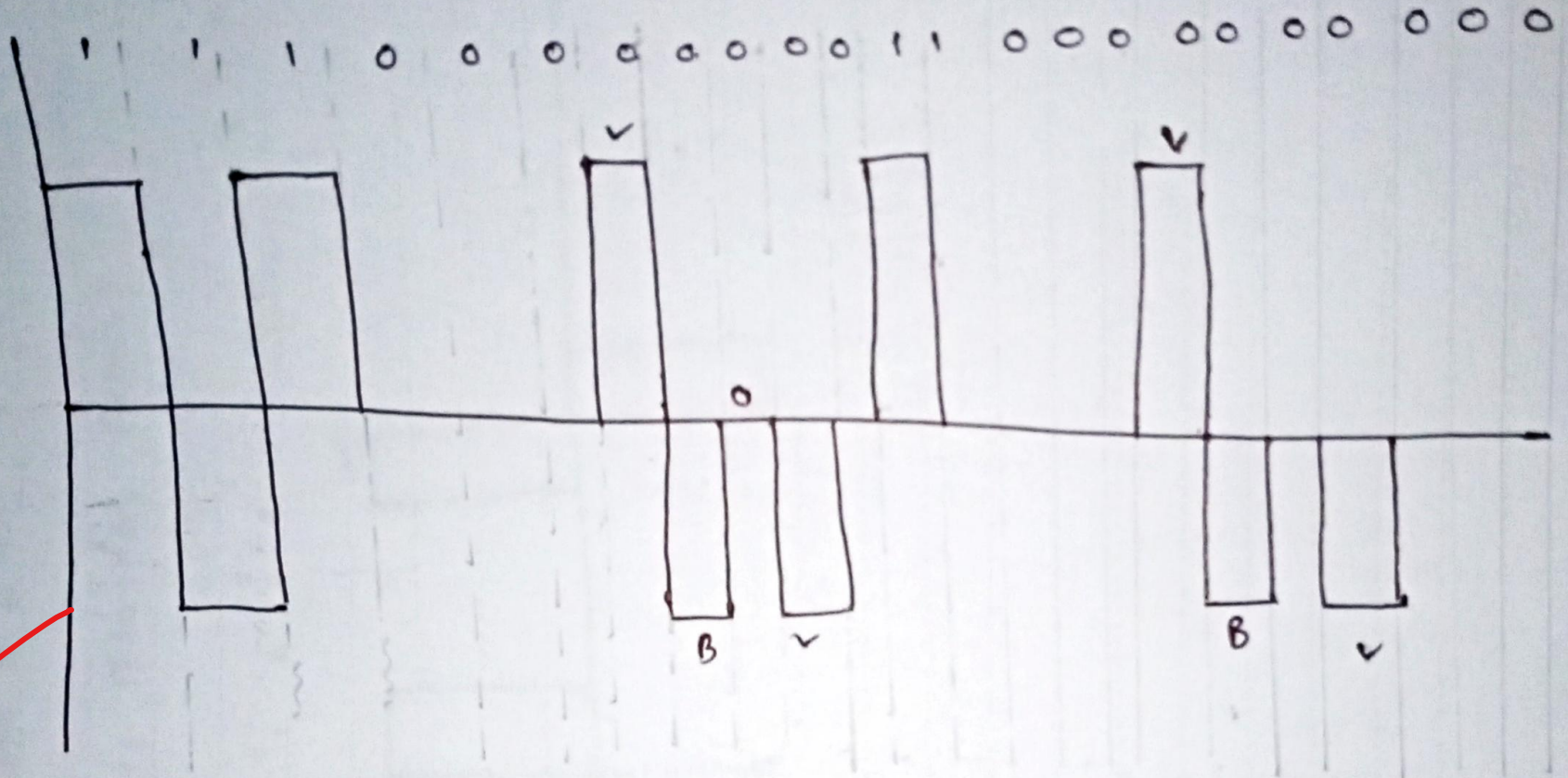


Ans to the Q. N-1.
My id is 18101004 (even)

12



4

Ans to the Q.N-1

We want transmit 1000 character

(a) Synchronize.

We have, $1000 \times 8 = 8000$ bits

(b) asynchronize.

We have, $1000 \times 10 = 10000$ bits.

where only one stop bit and one start bit.

(c) For synchronize redundancy case is 0% and for asynchronize where we send more 2000 bits than

~~7~~ synchronous so there the redundancy rate is 25%.