12
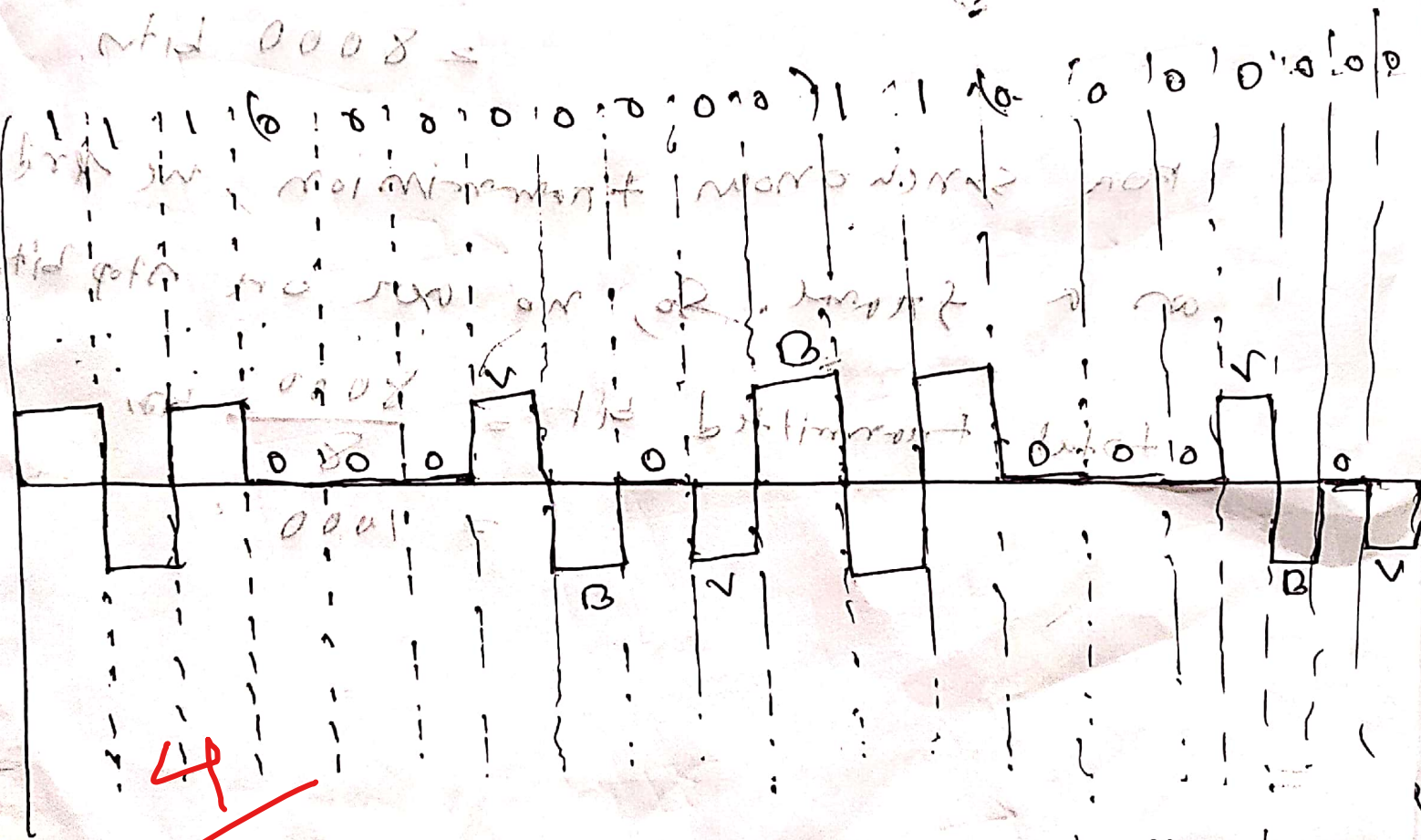
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Answer to the question No - 1

My ID is even. So, the system uses

B8ZS technique

38 ZS

Answer To The Question No-2

We want to transmit 1000 character

(a)

① For Synchronus,

$$1000 \times 8 = 8000 \text{ bits}$$

(b)

For asynchornus,

we have, $1000 \times 10 = 10000$ bit,

Because there are only one start

bit and stop it.

(c)

For synchronous redundancy are in
0%. For asynchronous we need more
2000 bits. So, redundancy in 25%.