

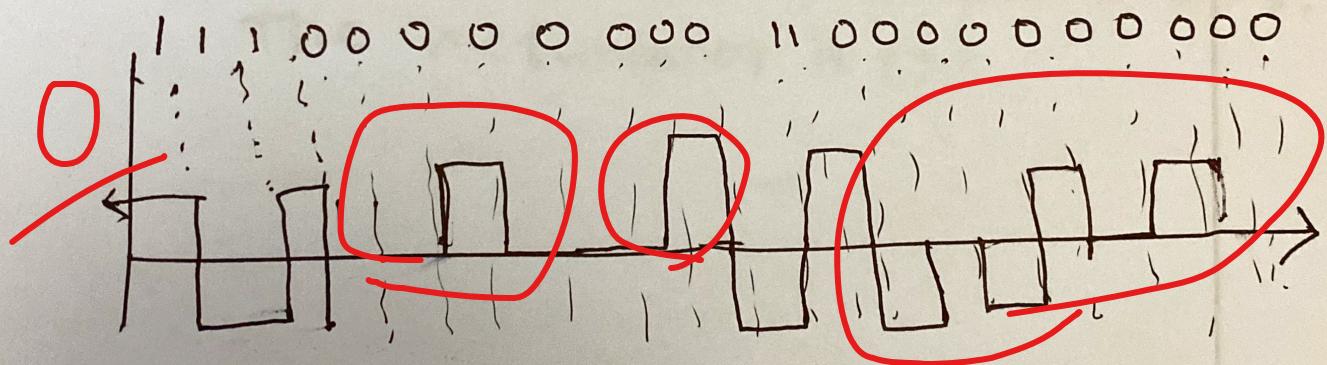
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Ans. to the Ques. No 1

My ID is even so the system uses B825 technique.

Given that element

1110000000011000000000



Black colour: time frame.

Color scheme for B825.

Ans to the Ques. No - 2.

- a. For synchronous transmission, we have $1000 \times 8 = 8000$ bits.
- b. For asynchronous transmission, we have $1000 \times 10 = 10000$ bits. ~~bits~~
- c. For case a, the redundancy is 0%. For case b, we send zero entries for 8000 required bits,
~~40~~ The redundancy is 25%.