



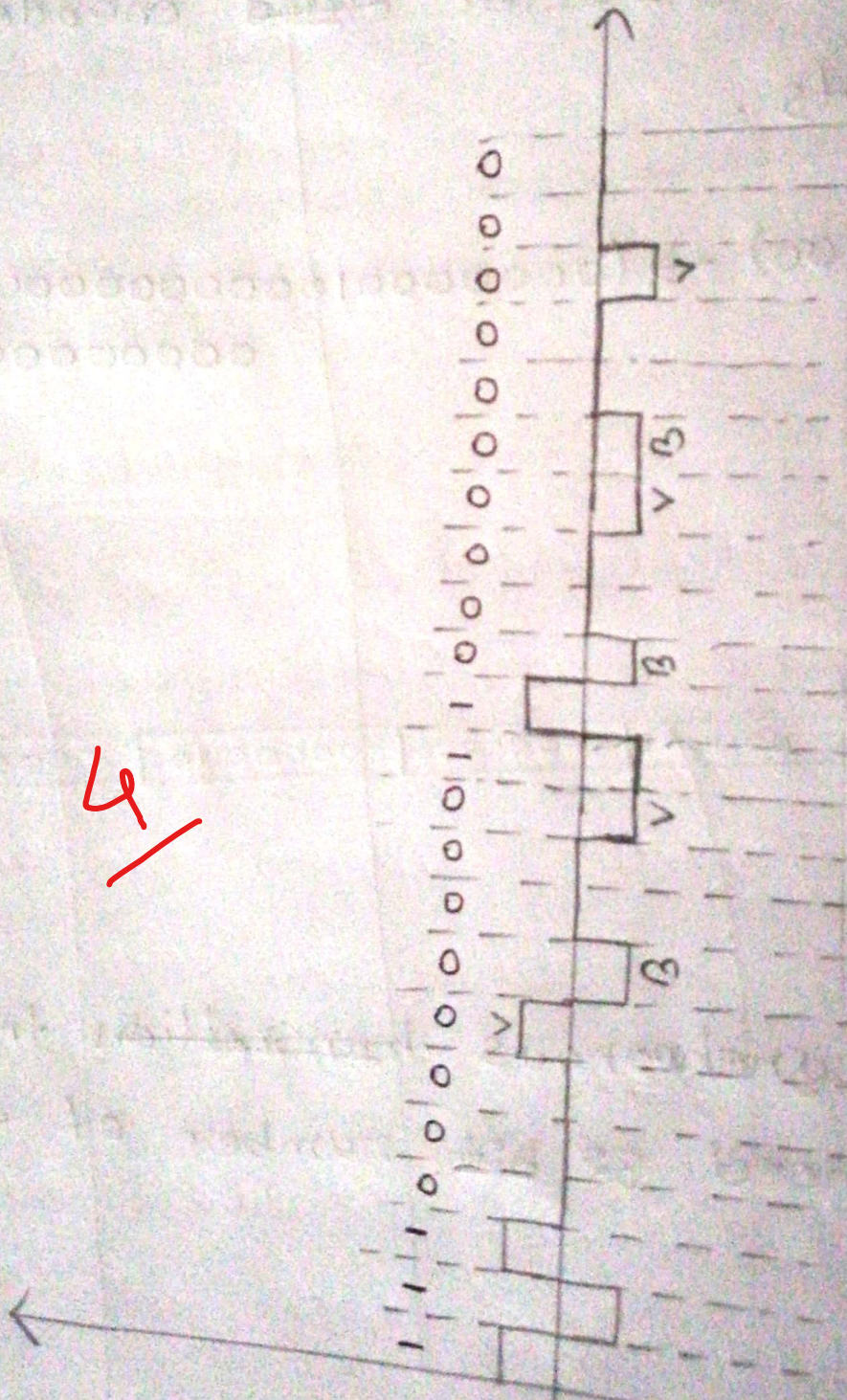


1. No. Bus. Ans

ID → 1810103 3 (odd)

HDB3

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6)

2. No. Bus. Ans

a) For synchronous transmission, we need ~~to~~  $1000 \times 8 = 8000$  bits.

b) For asynchronous transmission, we need  $1000 \times 10 = 10000$  bits. ~~we assume~~

c) For redundancy percent in each case,  $1000 \times 10 = 10000$  bits.

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