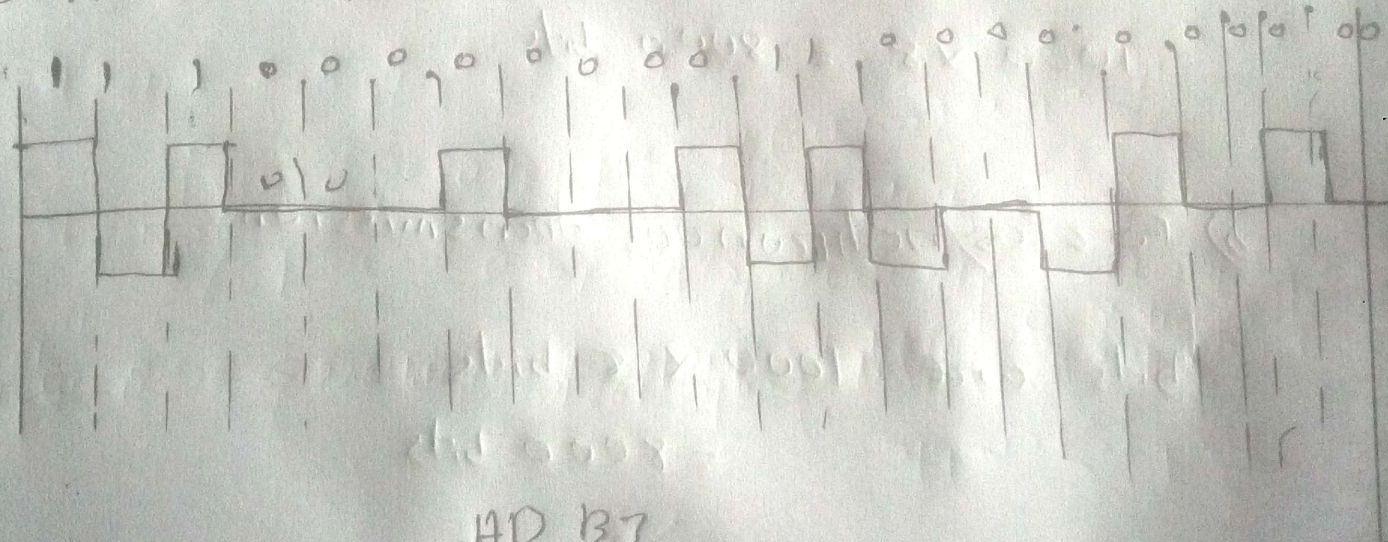


In to the Ques No-01

My ID is add 17201023

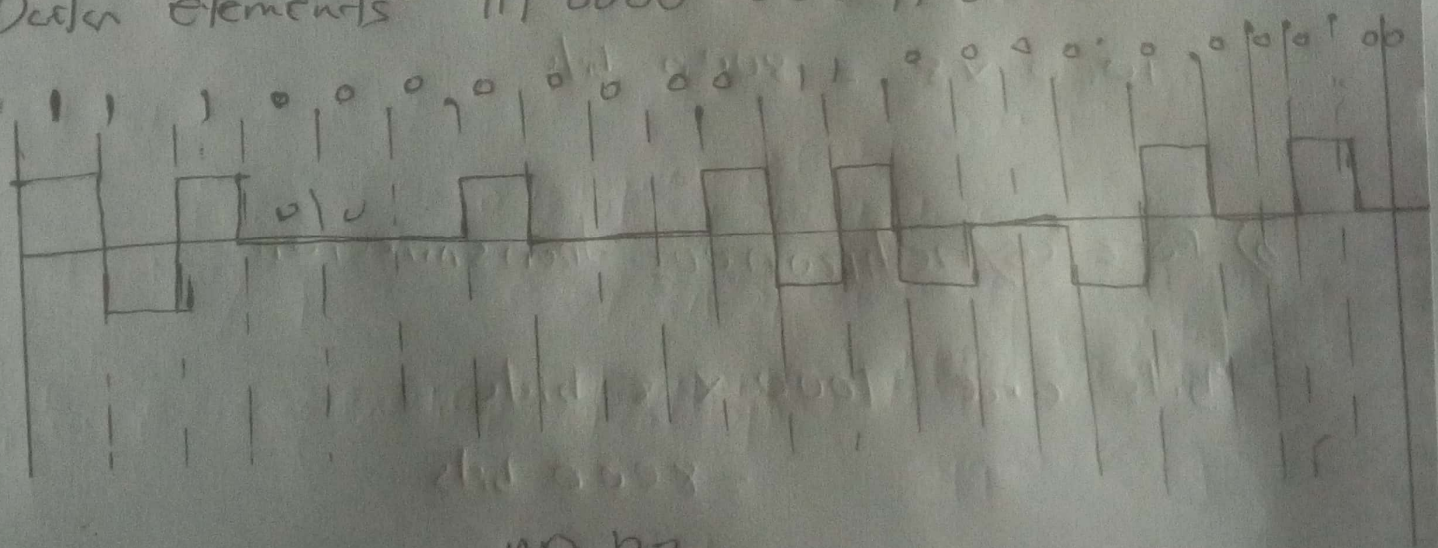
Data elements 11 0000 0000 11 0000 0000 00



In to the Ques No-01

My ID is add 17201023

Decimal elements 11 0000 0000 11 0000 0000 00



AD B7

a) transmit characters 1000

character encoded as 8 bits

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

b) For asynchronous transmission,

$$\begin{aligned} \text{bits are } 1000 \times 8 \text{ bits} \\ = 8000 \text{ bits} \end{aligned}$$

c) The redundancy present in case

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