

NCERT Math 11.9.2 Q8

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Question: An 8 bit ADC converts analog voltage in the range of 0 to +5 V to the corresponding digital code as per the conversion characteristics shown in figure. For $V_{in} = 1.9922\text{ V}$, which of the following digital output, given in hex, is true?

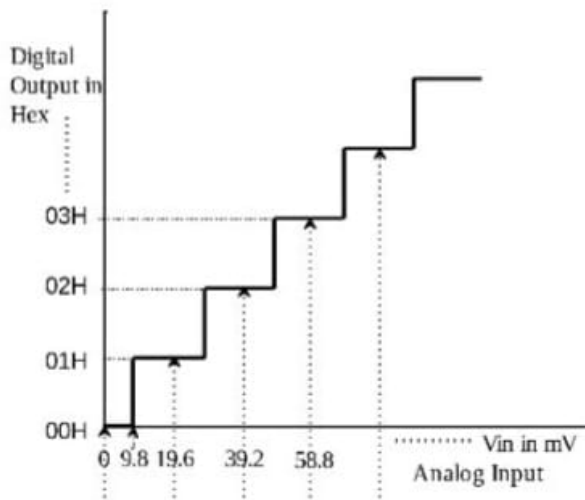


Fig. 1

- (a) 64H
- (b) 65H
- (c) 66H
- (d) 67H