

1 - الف) 1's comp $\rightarrow 11001001 \rightarrow (00110110)_2 \Delta F \Rightarrow 11001001_2 - \Delta F$
 $+4$

ب) 2's comp $\rightarrow 11001001 \rightarrow (00110111)_2 \Delta \Delta \Rightarrow 11001001_2 - \Delta \Delta$
 $+4$

ج) $110,01001 \rightarrow 2^2 + 2^1 + 2^{-2} + 2^{-4} = 4 + \frac{1}{2} + \frac{1}{16} = 4,28125$
 -1 $+5$

د) 2's comp $\rightarrow 11001,001 \rightarrow (00110,111)_2 = 9 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8} = 9,875$
 $+6 \Rightarrow 11001,001_2 = -9,875$