CPE381, FA24,	VAH, Classwork 19	, Enstactes:	Rahul Bhadani
10/30/2024	Vame of the student	Fo	

1 Write down the value of the following discrete-signed samples, assuming the commonly used notation:

a U[37 = C5 points
1 point each)

6 U(4) + 8[3] + 38[0] =

© R[-25] =

@ U[-67] + U[67] =

@ S[-3]+ S[0]+ S[3] =

Find the impulse suspense suspense h [n] for the following and state whether it is an IIR system.

 $U[n] = \chi[n] - 2\chi[n-2] + \chi[n-3]$  (5 points)