Name :-Purval Madhukar Bhude

Roll No. S20230010193

Subject :- Signals and System

Lab Assignment 5

(Handwritten Solution)



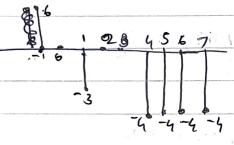
Name: - Putual Madhukat Bhude Class: - + Section 4 Roll no. S20230010193.

Q1 $\times [n] = 3 \cdot [n-2] - 6 \cdot [n+1] + 3 \cdot [n] - 4 \cdot [n-4]$ $\lim_{x \to 0} = \frac{3 \cdot [n]}{3 \cdot [n]} - \frac{6 \cdot [n+1]}{3 \cdot [n]} + \frac{3 \cdot [n]}{3 \cdot [n]} - \frac{4 \cdot [n-4]}{3 \cdot [n]}$

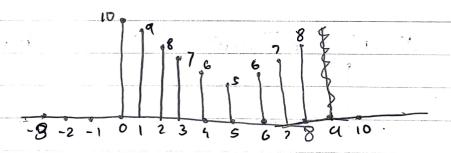
. 3½ Cn-23

-4 MEn-9] = 4567-

: X[n] =

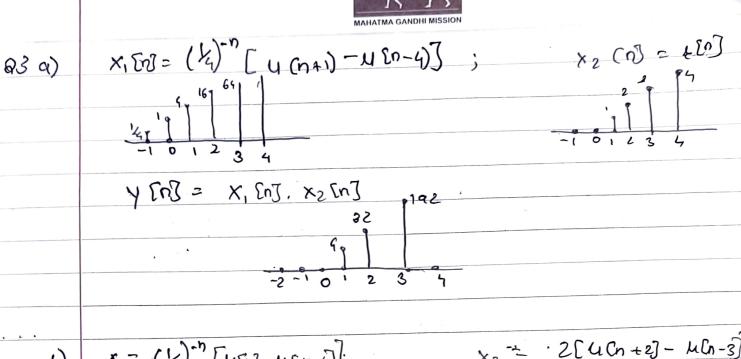


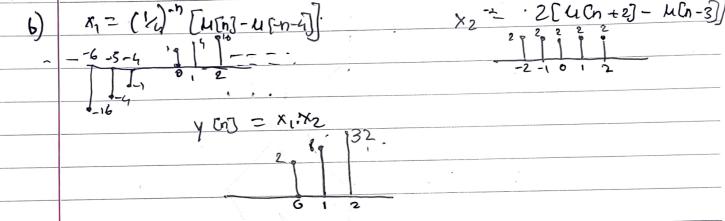
42 $\times \ln 3 = \begin{cases} -h+10 & 0 \le n \le s \\ h & 6 \le n \le 8 \end{cases}$

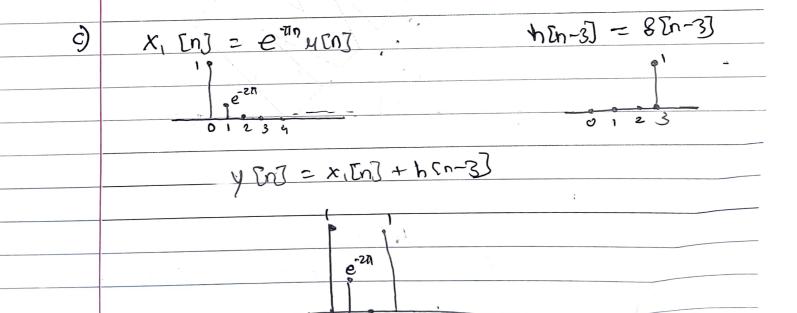


× [n] = 105[n] + 95[n-1] + 85[n-2] +75[n-3] +65[n-4] + 55[n-5] +65[n-6] +75[n-7] + 85[n-8].

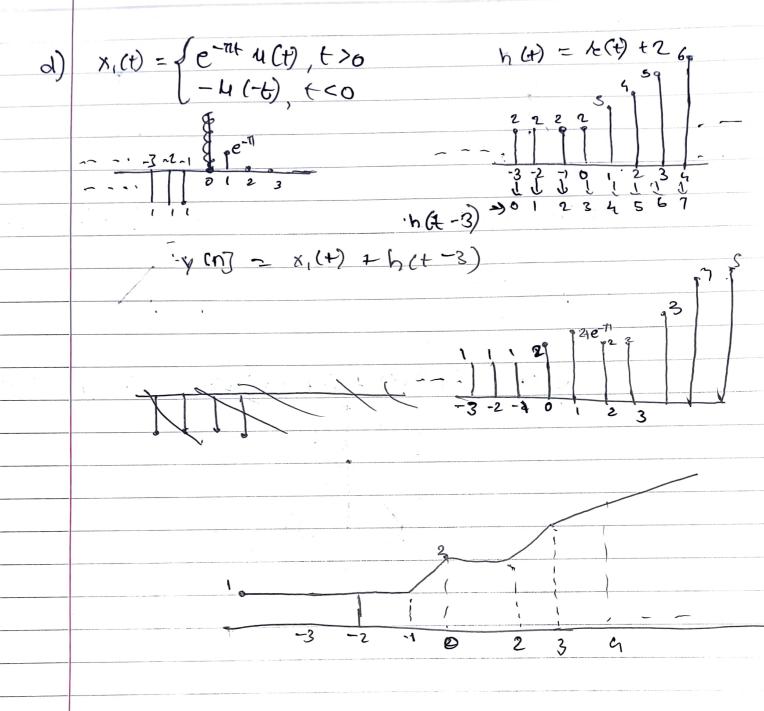






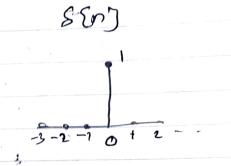








· (2++1) [Lu(t-2)]



(-t+3) [M(+-2) - 4(+3)]



