No:

Date:

For n=0:

$$Y(0) = \sum_{k=-\infty}^{\infty} \chi[k] h[-k]$$

= 6 + 6 + 12 = 24

For n=1:

- 6+6+6=<mark>18</mark>

For n=2:

= 6+6 = 12

Por n=3:

2 6+0=6

For N=-1:

2 6+6+6+6 = 24

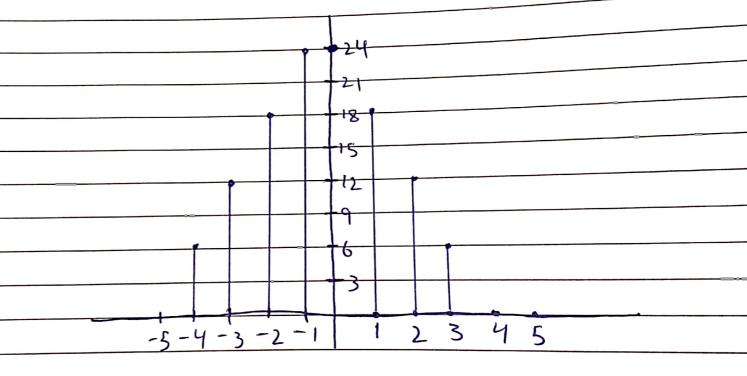
For n=-2:

26+6+6=18

For n = -3;

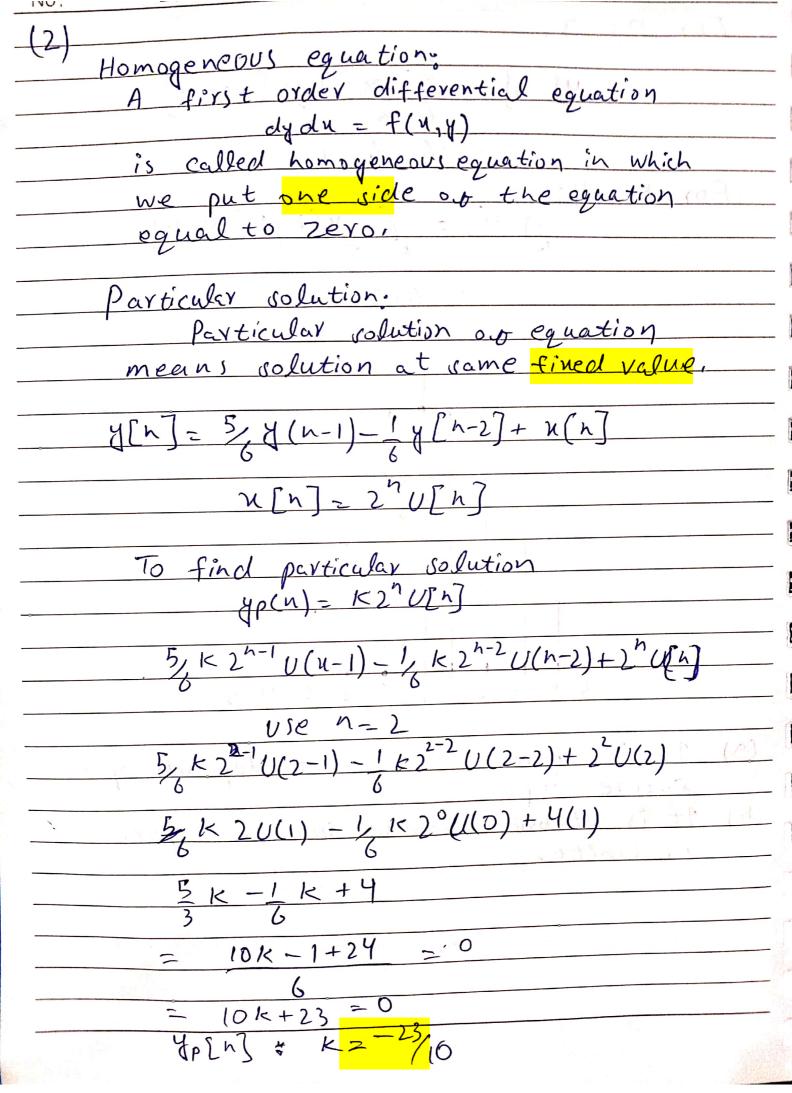
$$4[-3] = \sum_{k=-\infty}^{\infty} x[k]h[-3-k]$$

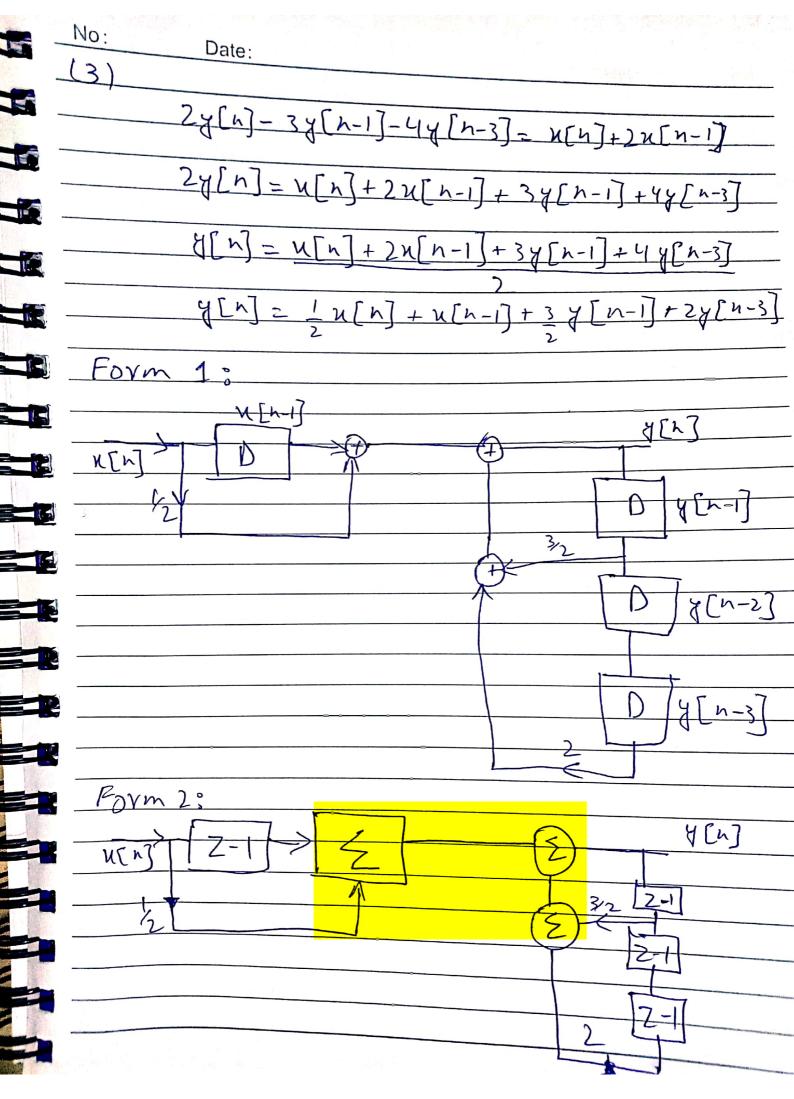
For
$$n=-4$$
:
 $y[-4] = \sum_{k=-\infty}^{\infty} y[k] h[-4-k]$



(a) 9t is non causal as it depends upon

(b) 9t is stable because sum of outputs is finite,





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