| Name : | 200 | | | | | | | | Junior Supervisor's full Signature with Date | | | | |
|----------------|---------------------|-----|------|------|-----|-------|------|------|--|-----|-------------|--------|--|
| xamination : | Branch/Semester U/6 | | | | | | | | | | | | |
| Question No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
| Marks Obtained | | | | | | | | | | | | | |
| | | 1 | H | e bb | ian | Lea | rni | 9 1 | Rul | e (| un | supe | rviset (|
| 3 | × | =1 | [- | 1-2 | 1 | 1 | XZ | | 0 | | <i>></i> | 3 = | $\begin{bmatrix} 2 \\ 3 \end{bmatrix}$ |
| | ×4 | - | 50 | | 7× | | X | 305 | | | - Land | | |
| | w_{i} | = [| | | | 7 t | 7 | C J | _ | 1 | | | |
| | Big | ola | y bi | inas | 9 | 3 (4) | 4 | X | leav | nj | Co | ns ta, | nt |
| | | 1 | neti | = | | wit | X | | | | | | |
| | | | 0. | | f | (ne | ti |) = | 5 | ign | (n | eti | |
| 5 4 | 1 | 1 | | 1 h | i | - | 0 | ?; × | | | | | 1 |
| St | ep1 | | Se- | t | X | = ; | ×, _ | 1 2 | 7 | 4 | | | |
| | | | net | - | - 1 | wit | X = | 5 | 1 | - | 1] | - | 1] = |

$$\Delta W_1 = CO_1 \times$$

$$= (1) (1) \begin{bmatrix} 1 \\ -2 \end{bmatrix} = \begin{bmatrix} 1 \\ -2 \end{bmatrix}$$

$$W_2 = W_1 + \Delta W_1 = \begin{bmatrix} 1 \\ -1 \end{bmatrix} + \begin{bmatrix} 1 \\ -2 \end{bmatrix} = \begin{bmatrix} 2 \\ -3 \end{bmatrix}$$
Stop2: Set $X = X_2$

$$X = \begin{bmatrix} 0 \\ 1 \end{bmatrix}$$

$$net = w_2 t x$$

$$= \left[2 - 3\right] \left[0\right] = -3$$

$$o_2 = Sign(-3) = [-1]$$
:

$$= (1)(-1)\begin{bmatrix} 0 \\ 4 \end{bmatrix} = \begin{bmatrix} 0 \\ -1 \end{bmatrix}$$

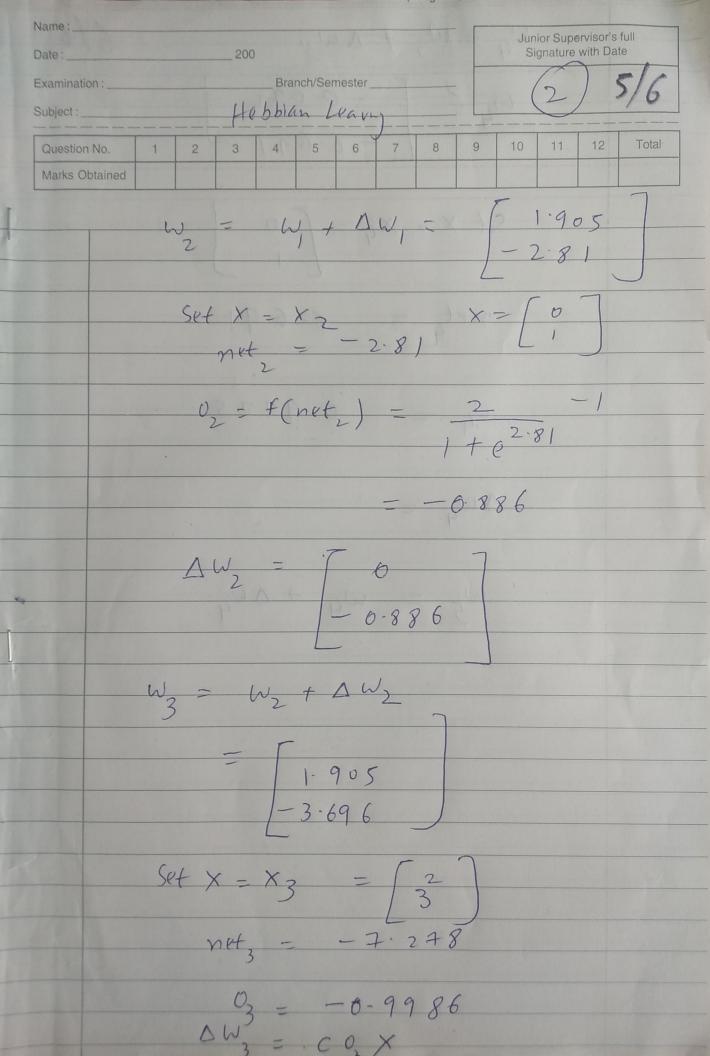
$$W_3 = W_2 + \Delta W_2 = \begin{bmatrix} 2 \\ -3 \end{bmatrix} + \begin{bmatrix} 0 \\ -1 \end{bmatrix}$$

$$W_3 = \begin{bmatrix} 2 \\ -4 \end{bmatrix}$$

$$w_3 = \begin{bmatrix} 2 \\ -4 \end{bmatrix}$$

Sup 3: Set
$$x = x_3$$
 $x = \begin{bmatrix} 2 \\ 3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 3 \end{bmatrix} = -3$
 $x = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \end{bmatrix} = -3$
 $x = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \end{bmatrix} = \begin{bmatrix} -2 \\ -3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \end{bmatrix} = \begin{bmatrix} -2 \\ -3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \end{bmatrix} = \begin{bmatrix} -2 \\ -3 \end{bmatrix}$
 $x = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \begin{bmatrix} 2 \\ 4 \end{bmatrix}$

DW4 - C104 X $= (1) (1) = \begin{bmatrix} 0 \\ -1 \end{bmatrix} = \begin{bmatrix} 0 \\ -1 \end{bmatrix}$ WS = W4 + DW4 $= \begin{bmatrix} 0 \\ -8 \end{bmatrix}$ Use bipolar confinables 0:=f(neti)=2x Ite Inet = co; x net = 3 0 = 0-9053 AW, = \[0.905



 $W_4 = W_3 + \Delta W_3$ $W_{4} = \begin{bmatrix} -0.092 \\ -6.691 \end{bmatrix}$ Set X = X4 = [0] net - 6-691 04 = 0-9975 AW4 = W5 = W4 + DW4