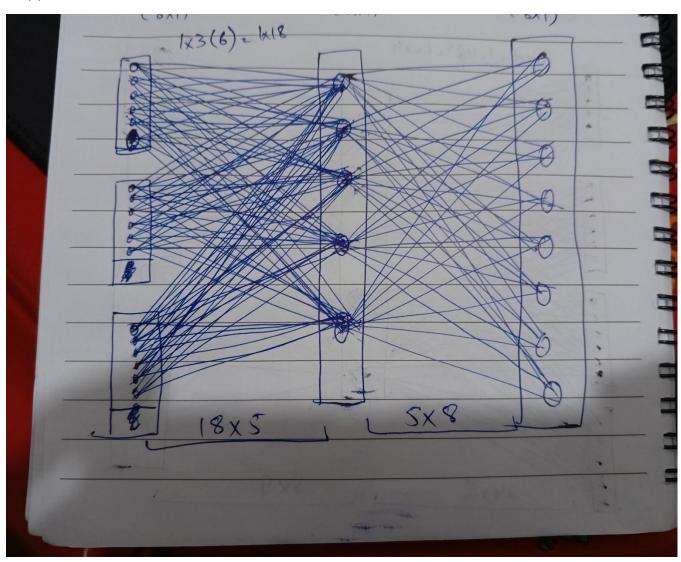


(b) Total Number of Parameters= 4 (E, W_x , W_h , W_y)

Q2 (a)



$$e = (Ex_1, Ex_2, ..., Ex)$$

 $h = \sigma(We + b)$
 $z = Uh$
 $y = \text{softmax}(z)$

(b) Total Number of Parameters= 3 (E,Wx,Wy)