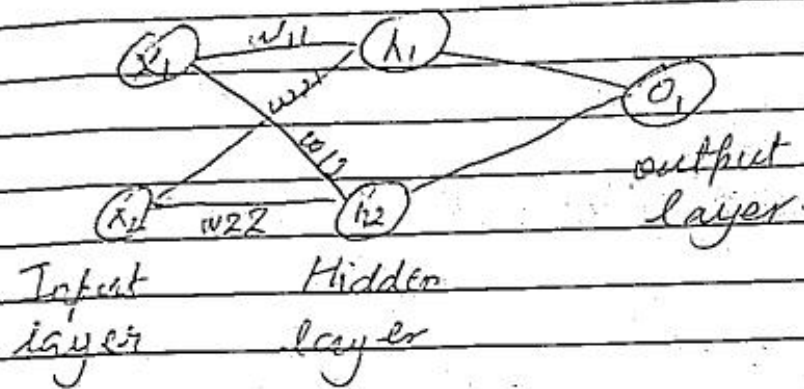


Deep Learning :-

Deep Learning is a machine learning technique that automatically extracts useful pieces of information or makes decision using neural networks.

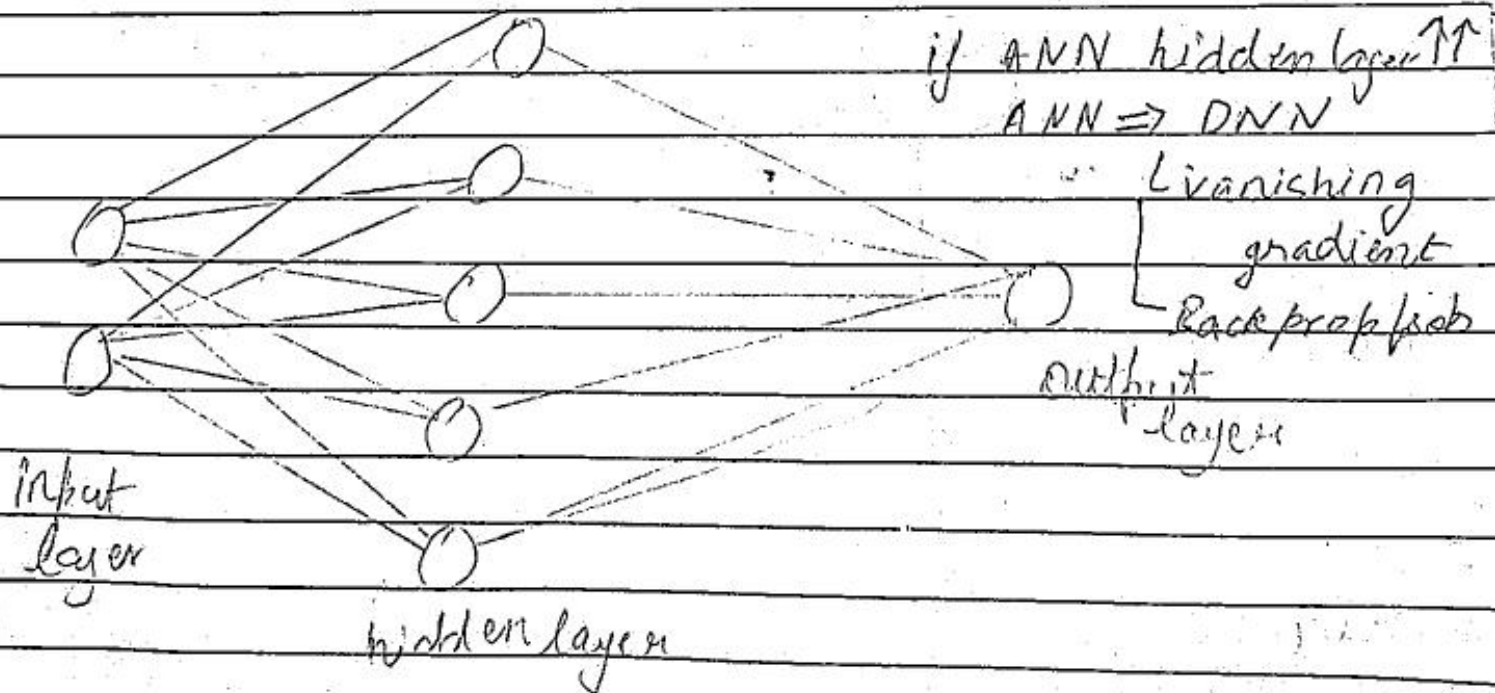


Imp:- (1) weights (2) biases (3) activation func

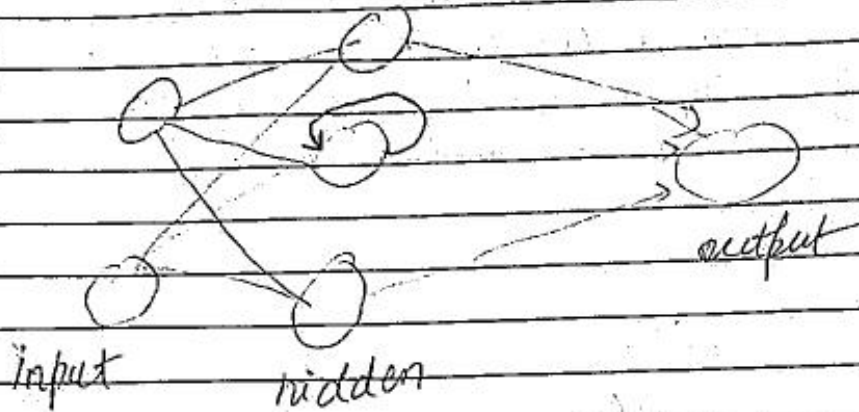
- (i) activation - ON/OFF
- (ii) remove linearity

Types of Neural Network

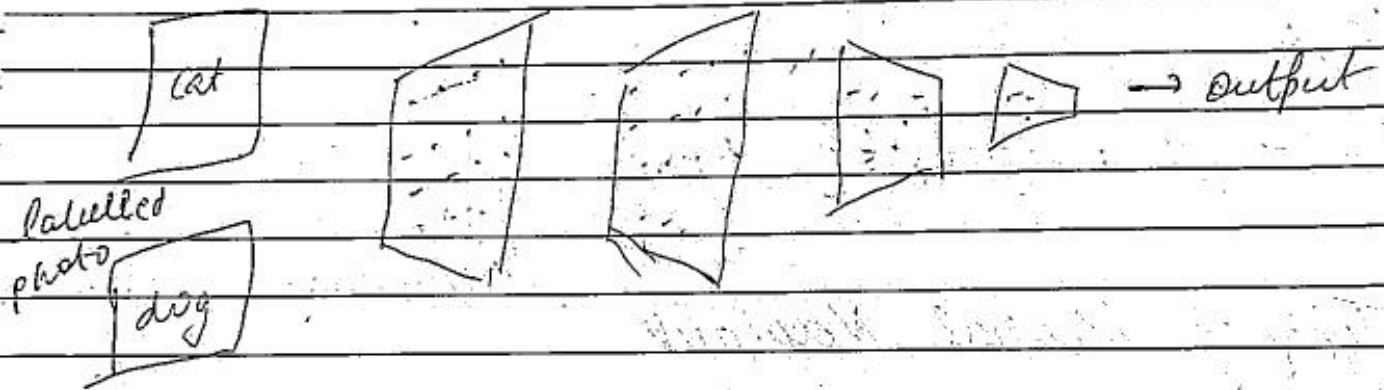
(1) ANN = Artificial Neural Network



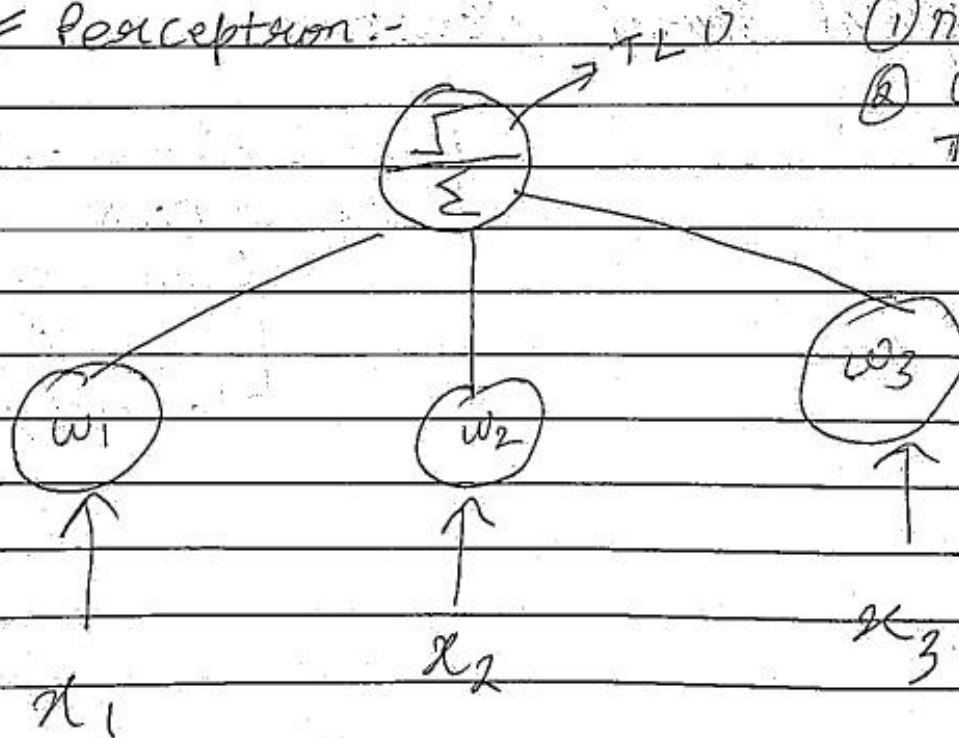
Recurrent Neural Network



Convolutional Neural Network (CNN)



Perceptron:-



(1) numerical values

(2) Classification

TLU - Threshold
logical
unit