- Distinguish blo Single layer & Hulfilayer FF Network
- IY.
- What are the main features of RNN? Discuss 12. with a diagram.
- Explain about any Unsupervised Newal Network. 13. Questions:
 - What do you mean by 1. ANN & Give comparision a table of ANN & Biological Newal Network [1+4]
- Explain in detail about biological newson 2. diagramo
- Write a short note on single level perceptron 3. model [5M]
- Write a short note on multi level perceptron 4. model [5m]
- What do you mean by activation function? Explain any one activation function [5 m]
- Let suppose we have a newral network single hidden layer. single output layer. 6.

Hidden layer having 3 nodes. Output layer having single node. If W=[1,2,3] and X = [5, 7,9]. Calculater the output by taking activation function sigmoid and bias=3.

- 7. Explain about SGP in Backpropagation algorithm.
 - Explain about Batch Optimization in BP algorithm
- Explain about Mini Batch Optimization in BP 9. companision table of 9,8,9 algorithm
- Explain CNN with a diagram. 10.

 $M \cdot$

you mean by leavining rules in perceptron? Explain Delta Leavining @ uestions: . What do muttilayer 2. Couate logical AND gate using perception leavining suite.

3. Explain Hebs leavining rule using an example. What do you mean by back peropagation advantages of advantages of method? What are the over delta learning Back propagation method over delta learning Explain out ustave leavning onle using an example. Give a companisional istudy between network.

Single layer and multi layer newal network. What are algorithms used for pattern association ? Explain each 9/ them. Explain auto associative memory network with an example. 6. Hetero associative memory network.
Explain example.
with an 7. 9 What is a associative memory network. give a companisional study at all types 6 of associative memory network. 10.