ANN MID-1 IMPORTANT QUESTIONS

UNIT-1

1. Explain about Hebbian learning in detail.
2. Explain indepth about Error Correction Learning Rule.
3. Explain in detail about network architectures with neat diagram.
4. Explain in detail about Boltzmann learning in detail.
5. Explain in detail about competitive learning.
6. Explain about credit assignment problem in detail.

UNIT-2

1. Explain about Least mean square algorithm
2. Explain about Learning rate annealing techniques in detail.
3. Explain in depth about perceptron convergence theorem.
4. Explain about Adaptive filtering problem in detail.
5. Explain about XOR problem in detail.
6. Explain in detail about Back propagation algorithm.

UNIT-3

1. Describe about cross validation.
2. Describe about generalization.
3. Explain about back propagation and differentiation.
4. Describe about HESSIAN MATRIX.