Unit 2

1>Explain what is Intelligence in Algorithm.

2>Compare ML,DL and AI with reference to training ,testing ,validations and data sets used emphasis on performance of each.

3>compare and contrast supervise , unsupervised and reenforced learning.

4>list applications of supervise , unsupervised and reenforced in biomedical.

5>explain biological neuron with relevant diagram

6>co-relate biological neuron for the development of AI neural network(NN) explain each block of ANN .

7>Compare forward propagation and back propagation in ANN.

8>List features and uses of ANN.

9>Explain Advantages and Disadvantages with reference to ANN.

10>Case Study of DL in Biomedical Image Applications.

11>List all Activation functions which are used in ANN (13) and emphasize why ReLU is preferred in DL architecture.

12>Explain the Architecture of CNN.

13>Explain the Architecture of RNN.

14>Compare CNN and RNN.