

H

Roll No.

TCS-821

B. TECH. (EIGHTH SEMESTER)

MID SEMESTER

EXAMINATION, May, 2023

SOFT COMPUTING

Time : 1½ Hours

Maximum Marks : 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each sub-question carries 10 marks.

1. (a) Differentiate between Hard and Soft Computing. (CO1)

OR

- (b) Explain the types of neural network.(CO1)
2. (a) Explain human brain with basic component. (CO1)

P. T. O.

(2)

OR

- (b) Explain different type of activation function. (CO1)
3. (a) What are the different factors affecting Back propagation ? Also list the application of Back Propagation Network. (CO2)

OR

- (b) Explain all steps in Back Propagation Learning.
4. (a) Explain different types of Learning in ANN. (CO2)

OR

- (b) Explain Mc-Cullach Pitts Model with realization of AND & OR Gate. (CO2)
5. (a) Write short note on output layer computation. (CO2)

OR

- (b) Explain Training process for Perceptron Model. (CO2)