Worksheet 1

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

NEURAL NETWORKS

Chapter-3

Class -9   Part B

A.   Tick (✓) the correct option.

1.   Which of the following is an AI model?
   a.   Regression ⬜
   b.   Classification ⬜
   c.   Clustering ⬜
   d.   All of these ⬜

2.   Which of the following works with labelled data?
   a.   Regression ⬜
   b.   Classification ⬜
   c.   Clustering ⬜
   d.   None of these ⬜

3.   Which of the following is true for neural networks?
   a.   Parallel processing capability ⬜
   b.   Data is stored on the entire network ⬜
   c.   Capable of learning from non-linear and complex data ⬜
   d.   All of these ⬜

4.   Which of the following is not a layer in a neural network?
   a.   Input layer ⬜
   b.   Processing layer ⬜
   c.   Hidden layer ⬜
   d.   Output layer ⬜

5.   What does BNN stand for?
   a.   Biological Neural Network ⬜
   b.   Biased Neural Network ⬜
   c.   Biological New Network ⬜
   d.   Biological Next Network ⬜

B.   Define the following.

1.   Regression
2.   Clustering
3.   Motor neuron
4.   Artificial Neural Network
5.   Biological Neural Network

C.   Short answer type questions.

1.   Name some applications of neural networks.
2.   Name the different types of AI model.
3.   Name any 2 advantages of neural networks.
4.   What is classification? Explain in brief.
5.   What is sensory neuron?

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....