Worksheet 1

Name: .....

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

Date: .....

DISTRIBUTIONS IN DATA SCIENCE

Unit-2

A. Tick (✓) the correct option.

1. Which of the following is a mathematical approach that displays the likely values for a variable and how frequently they occur?
   a. Probability distribution ☐ b. Probability ☐
   c. Absolute Deviation ☐ d. Variance ☐
2. The ..... of an event includes all potential values in addition to the input values that are visible.
   a. probability ☐ b. distribution ☐
   c. discrete data ☐ d. continuous data ☐
3. Which of the following refers to the data that accepts only particular values?
   a. Discrete Data ☐ b. Continuous Data ☐
   c. Wrong Data ☐ d. Regular Data ☐
4. Which of the following describes events that have exactly two outcomes?
   a. Bernoulli Distribution ☐ b. Binomial Distribution ☐
   c. Poisson Distribution ☐ d. None of these ☐
5. By dividing the quantity of independent trials by the number of successful trials, one can calculate the value of a ..... .
   a. bernoulli ☐ b. probability ☐
   c. poisson ☐ d. binomial ☐

B. Explain the following:

1. Continuous Data: .....
   .....
   .....
2. Discrete Uniform Distribution: .....
   .....
   .....
3. Variability: .....
   .....
   .....

Grade: ☆ ☆ ☆ ☆ ☆

Teacher's Signature: .....