Worksheet
2

Name: ....

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

Date: ....

DISTRIBUTIONS IN DATA SCIENCE

Unit-2

A.   State whether the following statements are true or false.

1.   A distribution is a simple way to visualise a set of data.   ....

2.   Probability is one of the main building blocks of data science and machine learning.   ....

3.   There is a 0.4 probability of getting the head on a coin.   ....

4.   Discrete probability distribution is expressed with a formula describing the shape of the distribution.   ....

5.   Poisson distribution is a probability distribution that is used to display the frequency of an event over a given time period.   ....

B .   Answer the following questions:

1.   Write the formula of probability mass function of Bernoulli Distribution.

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2.   Define Binomial Distribution.

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3.   Give two examples of continuous data.

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4.   What do you mean by a continuous uniform distribution?

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5.   What are the different characteristics of normal distribution?

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Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....

Class -10   Part B