Glossary

1. **Consecutive**
   It is following one after another without interruption.

2. **Constant**
   A quantity that is unknown but assumed to have a fixed value in a specified mathematical context.

3. **Curve**
   It is a system of points, whose coordinates satisfy a given equation.

4. **Curve Fitting**
   Curve fitting is the process of constructing a curve, or mathematical function, which has the best fit to a series of data points, possibly subject to constraints.

5. **Determinant**
   The value that is computed from a square matrix of numbers by a rule of combining products of the matrix entries and that characterizes the solvability of simultaneous linear equations. Its absolute value can be interpreted as an area or volume.

6. **Enterprise**
   An organization created for business ventures.

7. **Exponential Curve**
   It is a graph of an exponential function.

8. **Logarithm**
   The logarithm (or log) of a number to a given base is the power to which the base must be raised in order to produce that number.

9. **Monotonic function**
   A monotonic function (or monotone function) is a function that preserves the given order.

10. **Non-Linear Equation**
    Equation whose graph does not form a straight line (linear) is called a Nonlinear Equation.

11. **Predict**
    To state, tell about, or make known in advance, especially based on special knowledge.

12. **Scatter Plot**
    A scatter plot or scatter graph is a type of mathematical diagram using Cartesian coordinates to display values for two variables for a set of data.

13. **Simultaneous Equation**
    In mathematics, simultaneous equations are a set of equations containing multiple variables. This set is often referred to as a system of equations. A solution to a system of equations is a particular specification of the values of all variables that simultaneously satisfies all of the equations.

14. **Summation**

Summation is the operation of adding a sequence of numbers; the result is their sum or total.

15. Variable

It is a quantity capable of assuming any of a set of values.