

## **Series 1**

**Exercise1** : Provide a brief definition for the following terms and give exemples : Statistical Population, Statistical Unit, Statistical Phenomenon, Statistical Sample, Qualitative Variable, Discrete Quantitative Variable, Continuous Quantitative Variable.

**Exercise 2** : Identify each of the statistical poplation, statistical sample, studied statistical phenomenon, and its nature for the following examples :

1. The monthly salaries of 20 employees of Algéria Telecom in Ain Defla;
2. The type of sports practiced by 100 students at the institute of Sports and Physical Activities Sciences at Khemis Miliana university;
3. The type of vaccine received by 100 individuals against the coronavirus;
4. The number of overtime hours worked by 50 professors at the university of Continuous Education;
5. The number of scientific events organized by the laboratories of Khemis Miliana University during the academic year 2022/2023.
6. The success estimates of 20 students in the baccalaureat at Amir Abdelkader High School;
7. The number of scheduled tourist trips during the summer of 2022 by the tourism agency “BMH tourism”
8. The type of fruit produced by 40 fruit-bearing trees on a farm in Algeria.