Empirical Data Collection and Analysis

Sr	Questions	Answers Choice
1	What prefix is used for 10^{-12}?	A. Mega B. Giga C. Pico D. Tessa
2	In the measureing instrumetns, the degree of conformity and closeness to the true value is known as.	A. Sensitivity B. Compatibility C. Accuracy D. Precision
3	The eleventh general conference was	A. 1959 B. 1961 C. 1960 D. 1660
4	65 ^{o}C is equivalent to.	A. 85 ^oF B. -85 ^oF C. 149 ^oF D. 120 ^oF
5	In SI the unit mass is	A. kilogram B. centimeter C. Kelvin D. Milimeter
6	The standard form of 0.00000000034	A. 3.4 x 10 ⁻⁸ B. 3.4 x 10 ¹⁰ C. 3.4 x 10 ⁹ D. 3.4 x 10 ¹¹
7	To change SI units by factors of ten into smaller or bigger units they use.	A. Prefixes B. Symbols C. Abbreviation D. Ratio
8	An interval of 200 ps equivalent to	A. 0.2 s B. 0.02 s C. 2 x 10⁻¹⁰ s D. 2 x 10 ⁻⁶ S
9	What does a mole represent.	A. Number B. Mass C. Length D. Volume
10	A distance of 1 kilometer means	A. 100 cm B. 1000 m C. 10 cm D. 1000 cm
11	Which one of the following is the smallest quantity	A. 5000 mg B. 2 mg C. 0.01 g D. 100 mg
12	The property of a measuring instrument to give the output very close to the actual value is termed as.	A. Accuracy B. Sensitivity C. Repeatability D. Precision
13	Amount of a substance in terms of numbers is measured in	A. Mole B. Kilogram C. gram D. Newton
14	What is the volume of the liquid in this graduated cylinder	A. 23 B. 24 C. 22 D. 25
15	The number 0.00580 in scientific notation is	A. 5.80 x 10 ⁻³ B. 5.80 x 10⁻⁴ C. 5.80 x 10⁵ D. 5.80 x 10⁻²

16	In SI units prefix Nano me equal to.	A. 10⁻³ B. 10⁻⁹ C. 10⁻¹¹ D. 10⁻¹²
17	Which unit of voume should usually be used in chemistry	A. Cubic centimeter B. Milliliter C. Liter D. Cbicmeter
18	1 micro =	A. 10⁻⁹ B. 10⁻⁶ C. 10⁻¹² D. 10⁻³
19	Which of the following pairs of quantities may be measured in the same unit.	A. Heat and temperature B. Heat and work C. Temperature and area D. Length and work
20	Which one of the following unit is not a derived unit	A. Kilogram B. Pascal C. Newton D. Watt