

Empirical Data Collection and Analysis

Sr	Questions	Answers Choice
1	What is the volume of the liquid in this graduated cylinder	A. 23 B. 24 C. 22 D. 25
2	A distance of 1 kilometer means	A. 100 cm B. 1000 m C. 10 cm D. 1000 cm
3	In the measuring instruments, the degree of conformity and closeness to the true value is known as.	A. Sensitivity B. Compatibility C. Accuracy D. Precision
4	Express 0.000840 in scientific notation.	A. 8.40×10^3 B. 7.40×10^4 C. 8.40×10^{-4} D. 7.40×10
5	What does a mole represent.	A. Number B. Mass C. Length D. Volume
6	The standard form of 380000000000 is	A. 3.8×10^8 B. 3.8×10^{10} C. 3.8×10^9 D. 3.8×10^{11}
7	Which one of the following unit is not a derived unit	A. Kilogram B. Pascal C. Newton D. Watt
8	Amount of a substance in terms of numbers is measured in	A. Mole B. Kilogram C. gram D. Newton
9	What prefix is used for 10^{-12} ?	A. Mega B. Giga C. Pico D. Tessa
10	The number of base units in SI are	A. 3 B. 6 C. 7 D. 9
11	1 micro =	A. 10^{-9} B. 10^{-6} C. 10^{-12} D. 10^{-3}
12	How many cubic centimeters (cm) ³ are there in 1 decimeter cube (1 dm ³)	A. 100 cm^3 B. 1000 cm^3 C. 10 cm^3 D. 1 cm^3
13	In which unit we usually measure the energy present in the food	A. Kilojoules B. Calorie C. Joule D. Mega Joules
14	One cubic meter is equal to .	A. 1001 litre B. 1000 liter C. 10000 liter D. 1 liter 1000
15	An interval of 200 ps equivalent to	A. 0.2 s B. 0.02 s C. 2×10^{-10} s D. 2×10^{-6} S

16	The eleventh general conference was	A. 1959 B. 1961 C. 1960 D. 1660
17	Which unit of volume should usually be used in chemistry	A. Cubic centimeter B. Milliliter C. Liter D. Cubic meter
18	A measuring cylinder is used to measure	A. Mass B. Volume C. Area D. Level of
19	In SI unit of pressure is expressed in	A. Newton per meter square B. Newton per meter C. Joule D. Pascal
20	In SI units prefix Nano means equal to.	A. 10^{-3} B. 10^{-9} C. 10^{-11} D. 10^{-12}
