

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	To change SI units by factors of ten into smaller or bigger units they use.	A. Prefixes B. Symbols C. Abbreviation D. Ratio
3	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
4	Which one of the following is the smallest quantity	A. 5000 mg B. 2 mg C. 0.01 g D. 100 mg
5	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
6	In which unit we usually measure the energy present in the food	A. Kilojoules B. Calorie C. Joule D. Mega Joules
7	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
8	In SI unit of pressure is expressed n	A. Newton per meter square B. Newton per meter C. Joule D. Pascal
9	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
10	65 °C is equivalent to.	A. 85 °F B. -85 °F C. 149 °F D. 120 °F
11	What does a mole represent.	A. Number B. Mass C. Length D. Volume
12	The number of base units in SI are	A. 3 B. 6 C. 7 D. 9
13	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
14	What prefix is used for 10^{-12} ?	A. Mega B. Giga C. Pico D. Tessa
15	Which one of the following unit is not a derived unit	A. Kilogram B. Pascal C. Newton D. Watt

16	Amount of a substance in terms of numbers is measured in	A. Mole B. Kilogram C. gram D. Newton
17	A distance of 1 kilometer means	A. 100 cm B. 1000 m C. 10 cm D. 1000 cm
18	The standard form of 0.00000000034	A. 3.4×10^{-8} B. 3.4×10^{10} C. 3.4×10^9 D. 3.4×10^{11}
19	The number 0.00580 in scientific notation is	A. 5.80×10^{-3} B. 5.80×10^{-4} C. 5.80×10^5 D. 5.80×10^{-2}
20	In SI the unit mass is	A. kilogram B. centimeter C. Kelvin D. Millimeter
