



Noel Kg and Primary School

2016 E.C First Semester General Science 1st Worksheet for Grade Eight

I. Write “True” if the statement is correct and “False” if it is correct.

- _____ 1) Measurement is the process of obtaining the magnitude of quantity relative to an agreed standard.
- _____ 2) Accuracy refers to how close a measurement is to the accepted value.
- _____ 3) Scientific methods is the process by which scientists approach their work.
- _____ 4) Democratus (460-370 B.C.) introduced the idea of that matter consists of very small divisible particle called “atom”.
- _____ 5) The three fundamental subatomic particle are proton, neutron and electrons.

II. Choose the correct answer from the given alternatives .

- _____ 6) The idea that matter is “continuous” was proposed by
A) Democratus B) Aristotle C) Dalton D) Mendeleev’s
- _____ 7) Which of the following statement concerning the nucleus of an atom is correct?
A) Contains only neutron
B) contain all proton and all electron
C) is always positively charge
D) accounts for most of the total of volume of an atom
- _____ 8) The prefix that represent $\frac{1}{1000}$ is _____.
A) kilo B) centi C) mega D) milli
- _____ 9) Which one of the following is fundamental quantity?
A) Area B) Temperature C) Volume D) Force
- _____ 10) Which of the following particles located in the nucleus of an atom?
A) Proton and electron C) Electron and Neutron
B) Neutron and proton D) Proton, electron and neutron

III. Give short answer with the correct answer the following question.

- 11) The value of acceleration due to gravity on the surface of earth is known to be 9.81m/s^2 is an experiment student have found the following result 10.2m/s^2 , 10.3m/s^2 , 10.1 m/s^2 and 10.08 m/s^2 is this measurement accurate or precise? Why?
- 12) Write two derived quantities with their units?



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13) What are the two parts of an atom?