

FORMATIVE ASSESSMENT-3

Name:..... Section:..... Roll No:..... Max.Marks:20

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

- 1) Suggest an activity to prove that "Mass is neither created nor destroyed."
- 2) Write the main postulates of Daltons atomic theory.

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

- 3) The symbols of some elements were given wrong in the following table. Correct them and rewrite.

Element	Symbol
Aluminium	Al
Chromium	Chr
Sodium	So
Beryllium	Bl

- 4) What do you understand about ${}^9\text{F}^{19}$.

III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M

- 5) What do you understand about O_2 and O ?
- 6) Electrons revolve around the nucleus in an atom. Name the main particles present in the nucleus.

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

- 7) Molar mass of water []

A. 16 u B. 17 u C. 33 u D. 18 u

- 8) Avagadro number []

A. 6.022×10^{22} B. 6.022×10^{23} C. 6.002×10^{22} D. 6.002×10^{23}

- 9) Identify the tri atomic molecule []

A. Oxygen B. Hydrogen C. Water D. Nitrogen

- 10) Sodium hydroxide []

A. NaOH B. Na_2CO_3 C. NaHCO_3 D. NaCl

- 11) Atomic number of Potassium []

A. 17 B. 18 C. 19 D. 14

- 12) This is not inert gas []

A. Helium B. Nitrogen C. Argon D. Krypton