

## Stoichiometry

Sr	Questions	Answers Choice
1	Mass of 3 moles of oxygen atoms is.	A. 64 g B. 16 g C. 32 g D. 48 g
2	How many atom of carbon are present in one molecule of glucose.	A. 11 B. 22 C. 12 D. 6
3	The mass of one molecule of water is.	A. 18 g B. 18 mg C. 18 kg D. 18 amu
4	What mass of 95% CaCO <sub>3</sub> will be required to neutralize 50 cm <sup>3</sup> of 0.5 M HCl solution.	A. 9.5 g B. 1.45 g C. 1.32 g D. 1.25 g
5	Empirical formula of acetic acid (CH <sub>3</sub> COOH) is	A. CHO B. CH C. CH <sub>2</sub> O D. None of these
6	Which compound has same molecular and empirical formula.	A. C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> B. H <sub>2</sub> O <sub>2</sub> C. H <sub>2</sub> O D. C <sub>6</sub> H <sub>6</sub>
7	What is the mass of Al in 204 g of aluminium oxide Al <sub>2</sub> O <sub>3</sub>	A. 26 g B. 54 g C. 108 g D. 27 g
8	Which is the correct formula of calcium phosphide.	A. CaP B. Ca <sub>3</sub> P <sub>2</sub> C. CaP <sub>2</sub> D. Ca <sub>2</sub> P <sub>3</sub>
9	How many atoms are present in one gram of H <sub>2</sub> O?	A. 1002 x 10 <sup>23</sup> atom B. 6.022 x 10 <sup>23</sup> atom C. 0.334 x 10 <sup>23</sup> atom D. 2.004 x 10 <sup>23</sup> atom
10	Which term is the same for one mole of oxygen and one mole of water.	A. atoms B. mass C. Molecules D. Volume
11	How many atomic mass units (amu) are there in one gram.	A. 1 amu B. 6.022 x 10 <sup>23</sup> C. 10 amu D. 6.022 x 10 <sup>22</sup>
12	Formula of common salt is	A. NaCl B. AgCl C. LiCl D. KCl
13	Stoichiometric calculators are used to prepare.	A. Soaps B. Shampoo C. Perfumes D. All of these
14	Formula of Ozone.	A. O <sub>2</sub> B. S <sub>8</sub> C. CO <sub>2</sub> D. O <sub>3</sub>
15	Limes is another name of	A. Sodium hydroxide B. Sodium Carbonate C. Calcium Carbonate D. Silicon dioxide

16	Molecular mass of Acetic Acid	A. 70 amu B. 43 amu C. 60 amu D. 80 amu
17	The molecular mass of H <sub>2</sub> SO <sub>4</sub> is.	A. 9.8 g B. 98 amu C. 98 g D. 9.8 amu
18	40 g of H <sub>3</sub> PO <sub>4</sub> contains numebr of moles	A. 0.58 g B. 4.8 g C. 5.8 g D. 0.408 g
19	Whcih law is obeyed in chemicla calculations?	A. Law of mass action B. Law of conservation of mass C. Law of definite proportion D. Both a and b
20	1- gram atom of carbon contain hwo many moles.	A. 1 mole B. 2 mole C. 6 moles D. 12 moles