Stoichiometry

Sr	Questions	Answers Choice
1	How many moles are there in 25 g of H_2SO_4?	A. 0.765 Moles B. 0.255 moles C. 0.4 moles D. 0.51 moles
2	How many atoms are present in one gram of H2O?	A. 1002 x 10²³ atom B. 6.022 x 10²³atom C. 0.334 x 10²³atom D. 2.004 x 10²³atom
3	A nceklaee has 6 g of diamonds in it . What are the numberof carbon atoms in it?	A. 3.01 x 10²³ B. 1.003 x 10²³ C. 12.04 x 10²³ D. 6.02 x 10²³
4	40 g of H_3PO_4 contains numebr of moles	A. 0.58 g B. 4.8 g C. 5.8 g D. 0.408 g
5	Number of moels in 29.25 g NaCl is.	A. 0.50 B. 0.25 C. 0.21 D. 0.75
6	Molecular mass of Acetic Acid	A. 70 amu B. 43 amu C. 60 amu D. 80 amu
7	How many atom of carbon are present in one molecule of glucose.	A. 11 B. 22 C. 12 D. 6
8	Formula mass of K2SO4 is.	A. 174 amu B. 110 amu C. 180 amu D. 145 amu
9	Whcih term is the same for one mole of oxgen and one mole of water.	A. atoms B. mass C. Molecules D. Volume
10	Empirical formula of acetic acid (CH3COOH) is	A. CHO B. CH C. CH2O D. None of these
11	Without stoichiometry which industry cannot exist.	A. Meta B. Petroleium C. Leather D. Chemical
12	When one mole of each of the following compounds is reacted with oxygen, which wil produce the maximum amount CO2?	A. Carbon B. Ethane C. Diamond D. Methane
13	1- gram atom of carbon contain hwo many moles.	A. 1 mole B. 2 mole C. 6 moles D. 12 moles
14	Mass of 3 moles of oxygen atoms is.	A. 64 g B. 16 g C. 32 g D. 48 g
15	How many number of moles are equivalent to 8 gram of CO2.	A. 0.18 B. 0.15 C. 0.24 D. 0.21

16	How many moels of molecules are there in 16 g oxygen.	A. 0.05 B. 0.1 C. 0.5 D. 1
17	Emperical Formula of Glucose is	A. CH2O B. CHO C. CHO2 D. C2HO
18	Empirical formula of hydrogen peroxide.	A. HO B. CO C. CHO D. CH
19	Value of Avagadro's number is.	A. 6.6 x 10⁻²⁰ B. 6.02 x 10²³ C. 6.00 x 10²⁴ D. 1.32 x 10²³
20	A compound with chemicla formula Na_2CX_3 has formula mass 106 ami. Atomicmass of the elemetn X is.	A. 16 B. 23 C. 12 D. 106