

CHEMISTRY

Fill in the blanks.

1. The fuel used in Rockets is
 a. Natural Gas b. Petroleum c. Acetylene d. Liquid Hydrogen
2. is the number of moles of solute dissolved per liter of solution.
 a. Molality b. Normality c. Molarity d. Solvent
3. The chemical formula of Magnetic oxide
 a. Fe_2O_3 b. FeO c. Fe_3O_4 d. $\text{Fe}_2\text{O}_3 \cdot 2\text{H}_2\text{O}$
4. If 8 g of NaOH is dissolved in 250 ml of water. What will be the Molarity of Solution?
 a. 0.32 b. 3.125 c. 8 d. 0.8
5. Bleaching powder contains
 a. Fluorine b. Chlorine c. Bromine d. Iodine
6. Different physical forms of the same element are called
 a. Allotropes b. Isomers c. Isobars d. Isotopes
7. The symbol of Silicon is
 a. Se b. S c. Si d. Sn
8. Galena is an ore of
 a. Sulphur b. Iron c. Aluminum d. Copper
9. OH is a functional group of
 a. Alkane b. Alkene c. Alcohol d. Alkyne
10. The Radioactive element of 7th group of periodic table is
 a. Chlorine b. Bromine c. Fluorine d. Astatine
11. Chemical formula of Hydrogen peroxide is
 a. HO_2 b. H_2O c. H_3O d. H_2O_2
12. An alloy of Copper and Zinc is
 a. Steel b. Brass c. Nichrome d. Bronze
13. Brine is a solution which contains
 a. NH_3 b. CaCO_3 c. NaCl d. Na_2CO_3
14. Oxygen is present in air by Volume
 a. 78% b. 21% c. 29% d. 22%
15. Temporary hardness of water is due to
 a. CaCl_2 b. CaSO_4 c. $\text{Ca}(\text{HCO}_3)_2$ d. CaCO_3
16. Chemical formula of Iron pyrite is
 a. Fe_2O_3 b. Fe_3O_4 c. FeS_2 d. $\text{Cu}_2\text{S} \cdot \text{Fe}_2\text{S}_3$
17. Chemical formula of Sodium thiosulphate is
 a. $\text{Na}_2\text{S}_2\text{O}_7$ b. Na_2SO_3 c. $\text{Na}_2\text{S}_2\text{O}_3$ d. $\text{Na}_2\text{S}_3\text{O}_3$
18. Is malleable and ductile
 a. Carbon b. Iron c. Sulphur d. Phosphorous
19. Teflon is a
 a. Soap b. Detergent c. Plastic d. Varnish
20. The Crystalline form of Silica is
 a. Bauxite b. Limonite c. Sedrite d. Quartz
21. Blood plasma contains % of water.
 a. 70 b. 80 c. 65 d. 90
22. Plastic Sulphur is stable at
 a. 71°C b. 96°C c. 119°C d. 141°C
23. The general formula for alkene is
 a. $\text{C}_n\text{H}_{2n+2}$ b. C_nH_{2n} c. $\text{C}_n\text{H}_{2n-2}$ d. $\text{C}_n\text{H}_{2n+1}$
24. KO_2 is an example of
 a. Acidic oxide b. Peroxide c. Super oxide d. amphoteric oxide
25. Number of moles present in 198 g of water are
 a. 19.8 b. 198 c. 11 d. 12.375