

## 9th Class Chemistry English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The formula which represents the actual number of atoms in one molecule of organic compound is called.	A. Molecular formula B. Structural formula C. Condensed formula D. Dot and cross formula
2	Concentration is a separating technique in which mineral is separated from.	A. Gangue B. Silicates C. Aluminates D. All
3	A dynamic equilibrium	A. Reaction stops to proceed B. Amounts of reactants and products are equal C. Rate of forward and reverse reaction are equal D. Reaction can no longer be reversed.
4	A salt always	A. Contain ions B. Contains water of crystallization C. Dissolves in water D. Forms crystals which conduct electricity
5	Silicon occurs in the form of	A. None of these B. both a and b C. Silicates D. Silica
6	The strong heating of coal in retort in the absence of air is called.	A. Fractional distillation B. Sublimation C. Roasting D. Destructive distillation
7	Essential components of every living all are.	A. Nucleic acids B. Enzymes C. Lipids D. Cell wall
8	Specific Heat capacity of water is about.	A. $4.0 \text{ Jg}^{-1}\text{K}^{-1}$ B. $4.1 \text{ Jg}^{-1}\text{K}^{-1}$ C. $4.2 \text{ Jg}^{-1}\text{K}^{-1}$ D. $4.3 \text{ Jg}^{-1}\text{K}^{-1}$
9	Some organic compound are soluble in water due to the presence of .	A. -OH B. $\text{H}^+\text{O}^-$ C. Both a and b D. Covalent bond
10	Which colour of HI is ?	A. Orange B. Purple C. Red D. Colourless
11	Chemical formula of Stearic acid.	A. $\text{C}_{15}\text{H}_{31}\text{COOH}$ B. $\text{C}_{17}\text{H}_{35}\text{COOH}$ C. $\text{C}_{15}\text{H}_{37}\text{COOH}$ D. None of them
12	Equilibrium constant value "K" is equal to:	A. $K_t / K_r$ B. $K_i / K_r$ C. $K_c / Q_c$ D. $Q_c / K_c$
13	The value of constant of ionic product of water $K_w$ at 25 C.	A. $1.0 \times 10^{-4}$ B. $1.0 \times 10^{-14}$ C. $1.0 \times 10^{-4}$ D. $1.0 \times 10^{-4}$
14	Infrared radiation emitted by the earth are absorbed by?	A. $\text{CO}_2, \text{H}_2\text{O}$ B. $\text{N}_2, \text{O}_2$ C. $\text{CO}_2, \text{N}_2$ D. $\text{CO}_2, \text{H}_2\text{O}$

D.  $O_2$ ,  $CO_2$

15 Process of heating the concentrated ore to high temperature in excess of air is called.

- A. Roasting
- B. Smelting
- C. Bessemerization
- D. All

16 For a reaction between  $PCl_3$  and  $Cl_2$  to form  $PCl_5$  the units of Kc are:

- A.  $\text{Mol dm}^{-3}$
- B.  $\text{Mol}^{-1} \text{ dm}^{-3}$
- C.  $\text{Mol}^{-1} \text{ dm}^3$
- D.  $\text{Mol dm}^3$

17 The earth atmosphere is getting hotter because of :

- A.  $SO_2$
- B.  $O_3$
- C.  $CO_2$
- D. CO

18 The impurities associated with the minerals are known as:

- A. Metallurgy
- B. Ores
- C. Gangue
- D. Compounds

19 Ozone is beneficial for us as it absorbs.....

- A. Infrared Radiations
- B. Ultraviolet radiations
- C. Chlorofluorocarbons
- D. Air pollutants

20 Oxidation of alkenes forms:

- A. Glycol
- B. Glyoxal
- C. Formic acid
- D. Oxalic acid