

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Chile salt petre is	A. NaNO_3 B. Na_2SO_4 C. KNO_3 D. Na_2SO_3
2	SO_2 and NO_2 pollution by increasing	A. Alkalinity B. Acidity C. Neutrality D. Buffer action
3	Which of the following statement regarding catalyst is not true?	A. A catalyst remains unchanged in composition and quantity at the end of the reaction B. A catalyst can initiate a reaction C. A catalyst does not alter the equilibrium in a reversible reaction D. Catalysts are sometimes very specific in respect of reaction
4	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spirit C. Power alcohol D. Methylated spirit
5	Number of elements present in the fifth period of periodic table is	A. 8 B. 10 C. 18 D. 32
6	$\text{Benzene} + \text{Ozone} \rightarrow \text{Y}$. in this sequence Y is	A. Benzene monoozonide B. Benzene diozonide C. Benzene triozonide D. Succinic acid
7	When pressure is applied to the equilibrium system Ice Water Which of the following phenomenon will happen?	A. More ice will be formed B. Water will evaporate C. More water will be formed D. Equilibrium will not be formed
8	All the naturally occurring processes proceed spontaneously in a direction which lead to	A. Decrease of entropy B. Increase of enthalpy C. Increase of free energy D. Decrease of free energy
9	Calcium acetate when dry distilled gives	A. Formaldehyde B. Acetaldehyde C. Acetone D. Acetic anhydride
10	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
11	The IUPAC name of the compound having the formula $(\text{CH}_3)_3\text{C} - \text{CH} = \text{CH}_2$ is	A. 1, 1 -Dimethyl-3-butene B. 1,1,1-Trimethyl-3-propene C. 3,3,-Dimethyl-1-butene D. 3,3,3-Trimethyl-1-propene
12	Magnesium keeps on burning in	A. N_2 B. CO_2 C. N_2O D. N_2 as well as CO_2
13	In crystal structure of sodium chloride the arrangement of Cl^- ions is	A. Fee B. Both fee and bcc C. Bee D. None of these
14	Natural fertilizer from plants and animals provide nitrogen	A. 1.5 kg B. 3.0 kg C. 4.5 kg

15 The essential component of organic compound is
A. O
B. C
C. P
D. N

16 The halide which is not hydrolysed is
A. SiCl_4
B. SiF_4
C. CCl_4
D. PbCl_4

17 Inert pair effect plays an important role in case of
A. F
B. Al
C. Si
D. Tl

18 For the carbylamine reaction we need hot alc.KOH and
A. Any amin and chloroform
B. Chloroform and Ag powder
C. A primary amine and chloroform
D. A mono alkyl amine and trichlorom-ethane

19 Addition of iron filling to CuSO_4 solution caused precipitation of Cu owing to the
A. Reduction of Cu^{2+}
B. Oxidation of Cu^{2+}
C. Reduction of Fe
D. Reduction of Fe^{3+}

20 One mole of a gas refers to
A. The number of molecules in one litre of gas
B. The number of molecules in one gram of gas
C. The number of molecules contained in 12 grams of ^{12}C isotope
D. The number of molecules in 22.4 liters of a gas at S.T.P.
