

## Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Cheif air pollutant which is likely to deplete ozone layer	A. Sulphure dioxide B. Carbon dioxide C. Carbon dioxide D. Nitrogen oxides and chloro fluorocarbons
2	The carbon atoms in calcium carbide are held by	A. Ionic bonds B. 2 sigma bonds C. 2 covalent one co-ordinate bond D. 2 $\pi$ and one $\sigma$ bond
3	2 g oxygen contains number of atoms equal to that in	A. 0.5 g of hydrogen B. 4 g of sulphur C. 7 g of nitrogen D. 2.3 g of sodium
4	During the folding of filter paper the apex form angle of about	A. $80^\circ$ B. $60^\circ$ C. $180^\circ$ D. $90^\circ$
5	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser
6	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin
7	Which of the following has greatest reducing power?	A. HI B. Hbr C. HCl D. HI
8	The main structure features of proteins is	A. An ester linkage B. An ether linkage C. The peptide linkage D. All
9	Atmosphere of big/metropolitan cities is polluted most by	A. Automobile exhausts B. Pesticide residue C. Household waste D. Radio-active fall out
10	Leblanc process is employed in the manufacture of	A. Baking soda B. Washing soda C. Potash D. Plaster of paris
11	Which of the following represents elements in order of increasing atomic size?	A. I,Br,Cl B. Na,Mg,C C. C,N,O D. Li,Na,K
12	The wire in the flash bulbs is made up of	A. Mg B. Ba C. Cu D. Ag
13	Natural frertilizer provides phosphorus to plants in the form of $P_2O_5$	A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg
14	Natural fertilizer provides potassium in the form of $K_2O$ (potash)	A. $14.44444465637207\text{px}$ 1.5 kg B. $14.44444465637207\text{px}$ 3 kg C. $14.44444465637207\text{px}$ 4.5 kg D. $14.44444465637207\text{px}$ 4.5 kg

D. 6.5 kg

15	The number of unpaired electrons in the P-subshell of oxygen atom	A. 1 B. 2 C. 3 D. 4
16	Which of the following statements is most appropriate about effective nuclear charge? It depends upon	A. The shielding constant B. The atomic number C. The charge on the nucleus D. Both the nuclear charge and the shielding constant
17	In a reversible chemical reaction having two reactants in equilibrium if the concentration of the reactants are doubled then the equilibrium constant will	A. Also be doubled B. Be halved C. Becomes one fourth D. Remains the same
18	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spirit C. Power alcohol D. Methylated spirit
19	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
20	The symbol of the element whose atoms have the outer most electronic configuration $2s^2 2p^3$ is	A. N B. Li C. P D. Na