

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
2	Which species represents the electrophile in aromatic nitrotaion?	A. NO^{\oplus} B. NO_2^{\oplus} C. NO_2 D. NO_2^{\ominus}
3	If the solvent is inflammable for heating purpose we use	A. Ice bath B. Water bath C. Wire gauze D. Thermostat
4	Which one of the halogen acid is a liquid?	A. HF B. HCl C. HBr D. HI
5	Chile salt petre is	A. NaNO_3 B. Na_2SO_4 C. KNO_3 D. $\text{Na}_2\text{S}_2\text{O}_3$
6	With increasing principle quantum number the energy difference between adjacent energy levels in H atom	A. Decreases B. Increases C. Remains constant D. Decreases for low value of Z and increases for higher value of Z.
7	The total pressure exerted by a number of non reacting gases is equal to the sum of partial pressure of the gases under the same conditions is known as	A. Boyle's law B. Charle's law C. Avogadro's law D. Dalton's law
8	Toluene can be oxidized to benzoic acid by	A. KMnO_4 (alk) B. $\text{K}_2\text{Cr}_2\text{O}_7$ (acidic) C. Both D. None
9	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
10	The structure of XeF_6	A. Distorted octahedral B. Pyramidal C. Tetrahedral D. None of the above
11	Sulphure dioxide affects	A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus
12	At room temperature formaldehyde is	A. Gas B. Liquid C. Solid D. None of the above
13	The osmotic pressure of solution increases if	A. Temperature is decreased B. Solution constant is increased C. Number of solute molecules are increased D. Volume is increased
14	When electricity is passed through molten $\text{Al}_2\text{O}_3 + \text{Na}_3\text{AlF}_6$ and 13.5 gms Al are deposited, the number of faraday must be	A. 0.5 B. 1.0 C. 1.5 D. 2.0

15	Which of the following has greatest tendency to lose electron?	A. F B. Fr C. S D. Be
16	Which has the largest radius?	A. CO^{3+} B. Mn^{3+} C. Fe^{3+} D. Cr^{3+}
17	Which of the following is a molecular disease?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
18	1 mole of CH_4 contains	A. 6.02×10^{23} atoms of H B. 4 g-atom of hydrogen C. 1.81×10^{23} molecules of CH_4 D. 3.0 g of carbon
19	BiCl_3 on hydrolysis forms a white precipitate of	A. Bismuthio is acid B. Bismuth oxychloride C. Bismuth pentachloride D. Bismuth hydroxide
20	Bell metal is an alloy of	A. Cu, Zn, and Sn B. Cu, Zn and Ni C. Cu and Zn D. Cu and Sn