

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Calcium cyanamide on treatment with steam under pressure gives NH_3 and	<p>A. Calcium carbonate</p> <p>B. Calcium hydroxide</p> <p>C. Calcium oxide</p> <p>D. Calcium bicarbonate</p>
2	How many kinds of space lattices are possible in a crystal?	<p>A. 23</p> <p>B. 7</p> <p>C. 230</p> <p>D. 14</p>
3	Bell metal is an alloy of	<p>A. Cu, Zn, and Sn</p> <p>B. Cu, Zn and Ni</p> <p>C. Cu and Zn</p> <p>D. Cu and Sn</p>
4	Sodium thiosulfate is used in photography because of its	<p>A. Oxidizing behaviour</p> <p>B. Reducing behaviour</p> <p>C. Complexing behaviour</p> <p>D. Photochemical behaviour</p>
5	The digestion of fats in the intestines is aided by	<p>A. Diffusion</p> <p>B. Protection</p> <p>C. Peptization</p> <p>D. Emulsification</p>
6	Which of the following is not present in RNA?	<p>A. Uracil</p> <p>B. Thymine</p> <p>C. Ribose</p> <p>D. Phosphate</p>
7	The equilibrium $\text{Cr}_2\text{O}_7^{2-} \rightleftharpoons 2\text{CrO}_4^{2-}$ is shifted to right in	<p>A. An acidic medium</p> <p>B. A basic medium</p> <p>C. A neutral medium</p> <p>D. It does not exist</p>
8	The kinetic theory of gases predicts that total kinetic energy of a gaseous assembly depends on	<p>A. Pressure of the gas</p> <p>B. Temperature of the gas</p> <p>C. Volume of the gas</p> <p>D. Pressure temperature and volume of the gas</p>
9	Which of the following represents elements in order of increasing atomic size?	<p>A. I, Br, Cl</p> <p>B. Na, Mg, C</p> <p>C. C, N, O</p> <p>D. Li, Na, K</p>
10	Which one of the following compounds does not exist?	<p>A. NCl_5</p> <p>B. AsF_5</p> <p>C. SbCl_5</p> <p>D. PF_5</p>

11	Which has largest first ionization energy?	A. Li B. Na C. K D. Rb
12	Bleaching action of bleaching powder is due to the liberation of	A. O_2 B. OCl_2 C. Cl_2 D. ClO_2
13	Crystal can be classified in to basic crystal habits	A. 7 B. 4 C. 14 D. 3
14	The ratio of close packed atoms to tetrahedral holes in cubic close packing is	A. 1 : 1 B. 1 : 2 C. 1 : 3 D. 2 : 1
15	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
16	Propyne on hydrolysis in presence of H_2SO_4 and $HgSO_4$ gives	A. Acetaldehyde B. Actone C. Formaldehyde D. None
17	The percentage of oxygen in NaOH is	A. 40 B. 60 C. 8 D. 10
18	Which of the following value of ΔH_f° represent that the product is least stable?	A. $-94.0 \text{ kcal mol}^{-1}$ B. $-231.6 \text{ kcal mol}^{-1}$ C. $+21.4 \text{ kcal mol}^{-1}$ D. $+64.8 \text{ kcal mol}^{-1}$
19	The formula of nitre is	A. KNO_3 B. $NaNO_3$ C. NaCl D. Na_2CO_3
20	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 π and one σ bond