

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	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
2	Which has the largest radius?	A. CO^{3+} B. Mn^{3+} C. Fe^{3+} D. Cr^{3+}
3	The pore size of the filter paper depends upon	A. Nature of the medium B. Temperature of the medium C. Size of the particles D. Mass of the particles
4	Which is not a colligative property?	A. Osmotic pressure B. Lowering of vapour pressure C. Depression of freezing point D. Elevation of boiling point
5	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
6	The main structure features of proteins is	A. An ester linkage B. An ether linkage C. The peptide linkage D. All
7	Bragg's law is given by equation	A. $n\lambda = 2d \sin\theta$ B. $n\lambda = 2d \sin\theta$ C. $2n\lambda = d \sin\theta$ D. $n\lambda = \frac{1}{2} d \sin\theta$
8	Which of the following value of ΔH_f° represent that the product is least stable?	A. -94.0 kcal mol ⁻¹ B. -231.6 kcal mol ⁻¹ C. +21.4 kcal mol ⁻¹ D. +64.8 kcal mol ⁻¹
9	Which has largest first ionization energy?	A. Li B. Na C. K D. Rb
10	The essential component of organic compound is	A. O B. C C. P D. N
11	The principle constituent of pyrex glass is	A. Zn B. B C. Pb D. Cl
12	Which of the following has greatest reducing power?	A. HI B. HBr C. HCl D. HI
13	Which of the following is a colligative property?	A. Melting point B. Osmotic pressure C. Freezing point D. Sublimation temperature

14	If N_A is Avogadro's number then number of valence electrons in 4.2 g of nitride ions N^{3-} is	<div><sub>A</sub></div> <div>C. 1.6</div> <div>14.44444465637207px;">N</div> <div><sub>A</sub></div> <div>D. 3.2</div> <div>14.44444465637207px;">N</div> <div><sub>A</sub></div>
15	Inter molecular forces in solid hydrogen are	<div>A. Covalent forces</div> <div>B. Van der Waal forces or London dispersion force</div> <div>C. Hydrogen bonds</div> <div>D. All of these</div>
16	Which of the following has greatest tendency to lose electron?	<div>A. F</div> <div>B. Fr</div> <div>C. S</div> <div>D. Be</div>
17	The osmotic pressure of solution increases if	<div>A. Temperature is decreased</div> <div>B. Solution constant is increased</div> <div>C. Number of solute molecules are increased</div> <div>D. Volume is increased</div>
18	Which is the most volatile compound?	<div>A. HI</div> <div>B. HCl</div> <div>C. HBr</div> <div>D. HF</div>
19	Cyclone collector is used for minimizing	<div>A. Radioactive pollution</div> <div>B. Air pollution</div> <div>C. Noise pollution</div> <div>D. Water pollution</div>
20	Which of the following metal exhibits more than one oxidation?	<div>A. Na</div> <div>B. Mg</div> <div>C. Fe</div> <div>D. Al</div>