

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Natural fertilizer 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. $n \lambda = 2 d \sin \theta$ B. $n \lambda = 2 d \sin \theta$ C. $2n\lambda = d \sin \theta$ D. $n\lambda = 1/2 d \sin \theta$
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. H
13	Which of the following is a colligative property?	A. Melting point B. Osmotic pressure C. Freezing point D. Sublimation temperature
		A. $2.4 N_A$ B. $4.2 N$

14 If N_A is Avogadro's number then number of valence electrons in 4.2 g of nitride ions N^{3-} is
 A. N
 B. N
 C. N
 D. N

15 Inter molecular forces in solid hydrogen are
 A. Covalent forces
 B. Van der Waal forces or London dispersion force
 C. Hydrogen bonds
 D. All of these

16 Which of the following has greatest tendency to lose electron?
 A. F
 B. Fr
 C. S
 D. Be

17 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

18 Which is the most volatile compound?
 A. HI
 B. HCl
 C. HBr
 D. HF

19 Cyclone collector is used for minimizing
 A. Radioactive pollution
 B. Air pollution
 C. Noise pollution
 D. Water pollution

20 Which of the following metal exhibits more than one oxidation?
 A. Na
 B. Mg
 C. Fe
 D. Al