

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Which one of the following has the lowest boiling point?	A. B B. Al C. Ga D. Ti
2	Which of the following belongs to the halogen family?	A. Francium B. Polonium C. Radium D. Astatine
3	Benzene is obtained by fractional distillation of	A. Heavy oil B. Anthracene oil C. Middle oil D. Light oil
4	Gooch crucible is used for the filtration of precipitates having	A. High solubility B. High concentration C. High ignition temperature D. Low temperature
5	Magnesium keeps on burning in	A. N_2 B. CO_2 C. N_2 D. N_2 as well as CO_2
6	BiCl_3 on hydrolysis forms a white precipitate of	A. Bismuthio acid B. Bismuth oxychloride C. Bismuth pentachloride D. Bismuth hydroxide
7	The halide which is not hydrolysed is	A. SiCl_4 B. SiF_4 C. CCl_4 D. PbCl_4
8	Which of the following is different from the other three oxides?	A. MgO B. SnO C. ZnO D. Cr_2O_3
9	Which inorganic precipitate acts as semipermeable membrane?	A. Calcium sulphate B. Barium oxalate C. Nickel phosphate D. Copper ferrocyanide
10	The dimension of rate constant of a second order reaction involves	A. Neither time nor concentration B. Only time C. Time and concentration D. Time and square of concentration
11	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
12	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. Mercury B. Lead C. Nitrogen D. Nitrogen

oxide
D. Sulphur oxide

13	Portland cement is manufactured by using	A. Limestone,clay and sand B. Limestone,gypsum and sand C. Limestone,gypsum and alumina D. Limestone,clay and gypsum
14	The unit of rate constant for a zero order reaction is	A. Liter sec⁻¹ B. Liter mol⁻¹sec⁻¹ C. Mol liter⁻¹sec⁻¹ D. Mol sec⁻¹
15	The formula of calcium cyanamide is	A. Ca(CN) ₂ B. CaC ₂ N C. CaNCN D. CaCHNH ₂
16	Galena is an ore of	A. Gallium B. Lead C. Tin D. Germanium
17	Ammonia gas used directly as a fertilizer is injected into the soil at a depth of about	A. Two inches B. Three inches C. Five inches D. Six inches
18	A solution of sodium sulphate was electrolysed using some inert electrodes.The products at the electrodes are	A. O ₂ , H ₂ B. O ₂ , Na ₂ S C. O ₂ , SO ₂ D. O ₂ , S ₂ O ₈ ²⁻
19	Fertilizer are made by	A. Nature only B. Artificial methods only C. Both artificial and natural methods D. None of the above
20	Which of the following reagent cannot be used for preparing alkyl chloride from alcohol?	A. HCl + anhyd. ZnCl ₂ B. NaCl C. PCl ₅ D. SOCl ₂