

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser
2	1-Chloropropane has two isomers It is an example of	A. Chain isomerism B. Position isomerism C. Functional group isomerism D. Metamerism
3	The wire in the flash bulbs is made up of	A. Mg B. Ba C. Cu D. Ag
4	The percentage of nitrogen in urea is	A. 46 B. 60 C. 70 D. 80
5	Which is not a colligative property?	A. Osmotic pressure B. Lowering of vapour pressure C. Depression of freezing point D. Elevation of boiling point
6	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
7	Which is the most amphoteric?	A. Na_2O B. MgO C. Al_2O_3 D. CaO
8	Magnesium keeps on burning in	A. N_2 B. CO_2 C. N_2O D. N_2 as well as CO_2
9	In cold countries ethylene glycol is added to water in radiators of cars during winter It result in	A. Lowering in b.pt. B. Reducing viscosity C. Reducing specific heat D. Lowering in freezing pt.
10	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spriit C. Power alcohol D. Methylated spirit
11	Which of the following mineral does not contain Al?	A. Cryolite B. Mica C. Feldspar D. Fluorspar
12	In crystal structure of sodium chloride the arrangement of Cl^- ions is	A. Fee B. Both fee and bcc C. Bee D. None of these
13	Fertilizer are made by	A. Nature only B. Artificial methods only C. Both artificial and natural methods D. None of the above
14	For most of the chemical reaction the rate of reaction	A. Increases as the reaction proceeds B. Decreases as the reaction proceeds C. May increases or decreases during the reaction D. None of these

D. Remains constant as the reaction

15	The rate of reaction between A and B increases by a factor of 100 when the concentration with respect to A is increased 10 folds the order of reaction w.r.t A is	A. 10 B. 1 C. 4 D. 2
16	Octane number can be changed by	A. Isomerisation B. Alkylation C. Cyclisation D. All of these
17	Mark the smallest atom	A. F B. Cl C. Br D. I
18	By using the fluted filter paper rate of filtration is	A. Increased B. Decreased C. Filtration is constant D. Having no effect
19	When KClO_3 is heated it decomposes into KCl and O_2 if some MnO_2 is added the reaction goes much faster because	A. MnO_2 decomposes to give O_2 B. MnO_2 provides heat by reacting C. Better contact is provided by MnO_2 D. MnO_2 acts as a catalyst
20	Which species represents the electrophile in aromatic nitrotaion?	A. NO^+ B. $+\text{NO}_2^-$ C. NO_2 D. NO^+