

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Calcium acetate when dry distilled gives	A. Formaldehyde B. Acetaldehyde C. Acetone D. Acetic anhydride
2	Bromine is obtained on a commercial scale from	A. Caliche B. Carnallite C. Common salt D. Cryolite
3	Bragg's law is given by equation	A. $n \lambda \sin \theta = 2 d \sin \theta$ B. $n \lambda \sin \theta = 2 d \sin \theta$ C. $2n\lambda = d \sin \theta$ D. $n\lambda = 1/2 d \sin \theta$
4	The rate of a reaction that does not involve gases does not depend upon	A. Pressure B. Temperature C. Concentration D. Catalyst
5	Setting of cement is an	A. Exothermic reaction B. Endothermic reaction C. Neither exothermic nor endothermic D. None
6	Which of the following transition metal ions will have definite value of magnetic moment?	A. Sc^{3+} B. Ti^{3+} C. Cu^{2+} D. Zn^{2+}
7	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
8	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
9	Number of elements presents in the fifth period of periodic table is	A. 8 B. 10 C. 18 D. 32
10	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.
11	Which of the following statement is correct if the intermolecular forces in liquids A, B and C are in the order $A < B < C$?	A. B evaporates more readily than A B. B evaporates less readily than C C. A and B evaporates at the same rate D. A evaporates more readily than C
12	Which is the most volatile compound?	A. HI B. HCl C. HBr D. HF
13	Bell metal is an alloy of	A. Cu, Zn, and Sn B. Cu, Zn and Ni C. Cu and Zn D. Cu and Sn

14	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
15	The reaction/method that does not give an alkane is	A. Catalytic hydrogenation of alkanes B. Wurtz reaction C. Hydrolysis of alkyl magnesium bromide D. Dehydrohalogenation of an alkyl halid.
16	Which is the most amphoteric?	A. Na_2O B. MgO C. Al_2O_3 D. CaO
17	The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
18	1-Chloropropane has two isomers It is an example of	A. Chain isomerism B. Position isomerism C. Functional group isomerism D. Metamerism
19	The alkali metal which is liquid at 15°C is	A. K B. Cs C. Na D. None
20	The percentage of oxygen in NaOH is	A. 40 B. 60 C. 8 D. 10