

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Bromine is obtained on a commercial scale from	A. Caliche B. Carnallite C. Common salt D. Cryolite
2	Carbon atom holding halogen in aryl halides is	A. $\text{Sp}^{2\text{-hybridized}}$ B. $\text{Sp}^{3\text{-hybridized}}$ C. $\text{Sp}^{2\text{-hybridized}}$ D. $\text{Sp}^{3\text{-hybridized}}$
3	Natural fertilizer from plants and animals provide nitrogen	A. 1.5 kg B. 3.0 kg C. 4.5 kg D. 6 kg
4	Which of the following will not change the concentration of ammonia in the equilibrium $\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \rightleftharpoons 2\text{NH}_3(\text{g})$: $\Delta H = -k$	A. Increase of pressure B. Increase of temperature C. Decrease of volume D. Addition of catalyst
5	Tollen's reagent is	A. Ammonical cuprous chloride B. Ammonical cuprous oxide C. Ammonical silver bromide D. Ammonical silver nitrate
6	The weight of 11.2 liters of CO_2 at S.T.P. would be	A. 88 g B. 44 g C. 32 g D. 22 g
7	Inert pair effect plays an important role in case of	A. F B. Al C. Si D. Ti
8	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
9	A current of 9.65 ampere flowing for 10 minutes deposits 3.0 g of the metal which is monovalent the atomic mass of the metal is	A. 10 B. 50 C. 30 D. 96.5
10	Which of the following elements is most electronegative?	A. Oxygen B. Chlorine C. Nitrogen D. Fluorine
11	Rusting of iron is catalysed by	A. Fe B. O_2 C. Zn D. H^{+}
		A. It is a gas at room temperature B. It is a solid at room temperature C. It is a liquid at room temperature D. It is a gas at 0°C

12	Which is true for an element R present in group 13 of the periodic table?	<p>B. It has oxidation state of +4 C. It forms $R_{2}O_{3}$ D. It forms RX_2</p>
13	Bleaching action of bleaching powder is due to the liberation of	<p>A. O_2 B. OCl^- C. Cl_{2} D. ClO^-</p>
14	Reaction of acids with alcohols is also known as	<p>A. Esterification B. Saponification C. Alkalization D. None</p>
15	Dehydration of glycerol give	<p>A. Propane B. Propene C. Acrolein D. Benzene</p>
16	Natural fertilizer provides potassium in the form of K_2O (potash)	<p>A. 1.5 kg B. 3 kg C. 4.5 kg D. 6.5 kg</p>
17	Which species represents the electrophile in aromatic nitration?	<p>A. NO^- B. NO_2 C. NO_2 D. NO_3^-</p>
18	Which has maximum protein content?	<p>A. Ground nut B. Cow milk C. Egg D. Wheat</p>
19	Toluene can be oxidized to benzoic acid by	<p>A. $KMnO_4$ (alk) B. Cr_2O_7 (acidic) C. Both D. None</p>
20	The formula of nitre is	<p>A. KNO_3 B. $NaNO_3$ C. $NaCl$ D. Na_2CO_3</p>