

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Cannizzaro reaction is not given by	A. Trimethyl acetaldehyde B. Acetaldehyde C. Benzaldehyde D. Formaldehyde
2	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
3	What quantity of limestone (CaCO ₃) on heating will give 56 kg of CaO?	A. 1000 kg B. 56 kg C. 44 kg D. 100kg
4	Which of the following alkali metal hydroxides is the strongest base?	A. LiOH B. NaOH C. KOH D. CaOH
5	Octane number can be changed by	A. Isomerisation B. Alkylation C. Cyclisation D. All of these
6	Which of the following with aqueous KOH will give acetaldehyde?	A. 1,2-Dichloroethane B. 1, 1-Dichloroethane C. Chloroacetic acid D. Ethyl chloride
7	When electrons revolve in stationary orbits	A. There is no change in energy level B. They become stationary C. They are gaining kinetic energy D. There is increase in energy
8	Ascorbic acid is a chemical name of	A. Vitamin D B. Vitamin A C. Vitamin C D. Vitamin B
9	Which of the substances Na, Hg, S, Pt and graphite can be used as electrodes in electrolytic cells having aqueous solution?	A. Na, Pt and graphite B. Na and Hg C. Pt and graphite only D. Na and S only
10	The total number of protons in 10 g of calcium carbonate is ($N_0 = 6.023 \times 10^{23}$)	A. 1.5057×10^{24} B. 2.0478×10^{24} C. 3.0115×10^{24} D. 4.0956×10^{24}
11	Rusting of iron is catalysed by	A. Fe B. O ₂ C. Zn D. H ⁺
12	The following has zero valency	A. Na B. Be C. Al D. Kr
13	The essential component of organic compound is	A. O B. C C. P D. N

14	The mass of the neutron is of the order of	$1.44444465637207 \times 10^{-24}$ kg C. $1.44444465637207 \times 10^{-26}$ kg D. $1.44444465637207 \times 10^{-27}$ kg
15	Natural fertilizer provides potassium in the form of K_2O (potash)	A. 1.5 kg B. 3 kg C. 4.5 kg D. 6.5 kg
16	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
17	Which of the following has least mass?	A. 2 gram atom of nitrogen B. 3×10^{23} atoms of C C. 1 mole of S D. 7.0 g of Ag.
18	Which of the following imparts violet colouration to the non-luminous flame of Bunsen burner?	A. NaCl B. $BaCl_2$ C. $CaCl_2$ D. KCl
19	Which has largest first ionization energy?	A. Li B. Na C. K D. Rb
20	Tollen's reagent is	A. Ammonical cuprous chloride B. Ammonical cuprous oxide C. Ammonical silver bromide D. Ammonical silver nitrate