

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	In average composition of a good sample of cement the percentage of silica is.	A. 18.5% B. 20.5% C. 22.5% D. 24.5%
2	Ozone filters out radiation below.	A. <div> o</div> 1000 A B. <div> o</div> 2000 A C. <div> o</div> <div>3000 A</div> D. <div> o</div> 4000 A
3	Which of the following process is involved in getting back nitrogen into atomosphere.	A. NitrificationB. DenitricicationC. AmmonificationD. All above
4	Molten iron withdrawn from the blast furnace is called.	A. Wrought ironB. Pig ironC. Bessemer ironD. Stainless steel
5	In the forth floatation process for the purification of ores, the ore particles float because.	A. They are light B. Their surface is not easily vetted by water C. They bear electrostatic charge D. They are insoluble
6	The change in the concentration of the reactant of product per units time is called.	A. Order of the reaction B. Melecularity of the reaction C. Rate of reaction D. None of the above
7	What types of bonding occurs in d-block elements.	A. lonic B. Covalent C. Metallic D. Both B and C
8	The equilibrium constants Kp and Kc are related as	A. Kp = Kx Pdelta n B. K p= Ks/P delta n C. Ks = Kp (RT)delta n D. Kx = Kp (P/RT) delta n
9	Which of the following case of acid or base strength is not explained by inductive effect.	A. Formic acid> acetic acid B. Dimethyl amine > trimethyl amine C. Dimethyl amine > methyl amine D. Chloroacetic acid > acetic acid
10	The hardness of water is due to the presence of dissolved soluble salts of.	A. Calcium B. Megnesium C. Iron D. All above
11	Apoenzyme is	A. Hydrolytic enzyme B. Oxidative enzyme C. Coenzyme D. Protein part of enzyme after removal of coenzyme
12	It is possible to distinguish between optical isomers.	A. Using chemical tests B. By mass spectrometry C. By IR spectroscopy D. By polarimetry
13	Volta metric technique using a dropping mercury electrode is called.	A. Amperometry B. Coulometry C. Polarography
		D. Potentiometry A. Carburizing does not harden a steel<0:p> B. <p <="" class="MsoNormal" td=""></p>

14	The following statements are true except one which one.	style="margin-bottom:Uin;margin-bottom:.0001pt;line-height: normal">Flame and induction hardening require the use of hard enable steels. <o:p></o:p> C. Quench -hardened steel does not require tempering to present brittleness <o:p></o:p> D. None of these
15	Compounds formed when noble gasses get entrapped in the cavities of crystal lattices of certain organic and inorganic compounds are called.	A. Interstitial compounds B. Hydrates C. Clathrates D. Picrates
16	Potassium crystallizes in a body centered lattice. Hence, the coordination number of potassium in potassium metal is.	A. 4 B. 6 C. 8 D. 12
17	Electron affinities of halogens are in the order.	A. F > Cl > Br > I B. Cl > F > Br > I C. Cl > Br > I > F D. Cl > Br > F > I
18	Which of the following is not an alkali metal	A. Rb B. Sb C. Cs D. Fr
19	Detergents are known to pollute revers and water ways. However, detergents can be made biodegradable and pollution free by taking.	A. cyclic hydrocarbon chain B. Shorter hydrocarbon chain C. Unbranched hydrocarbon chain D. Benzenoid hydrocarbons
20	Are used as water repellents	A. Carbides B. Silicon C. Silicones D. Silicates