

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Hydrometallurgy of copper involves extraction of copper from poor ores by which process.	A. Dry process B. Wet process C. Both dry and wet process D. None of these
2	Which of the following is not an adsorption indicator.	A. Eosin B. Bromocrsol green C. Fluorescein D. Phenolphthalein
3	An stereospecific enzyme in one which catalyses	A. Formation of one stercolsomer B. Reaction of one stereoisomer only C. Both of these D. None of these
4	Attention should be focused on qualitative changes in particle properties as a function of.	A. Particle numebrs B. Particle mass C. Particle size D. Particle density
5	Which of the following analytical method is based on scattering of radiation.	A. Emission spectroscopy B. Colorimetry C. Turbidimetry D. Polarimetry
6	The most abundant metal in earth's crust is.	A. Fe B. Al C. Ti D. Ca
7	Which of the following steps are involved in the extraction of copper.	A. Roasting B. Smelting C. Refining D. All
8	To increase the life of filament and to low the heat conductivity a mixture in filled in electric bulb.	A. Ar & N2 B. Ar & Kr C. Kr & N2 D. Xe & N2
9	A combination of atomic orbitals produces a large number of closely special energy states brown as.	A. Packet of energy B. Band of energy C. Botha a and b D. None of the above
10	During the last two centuries, the atmospheric CO2 contents are increased by	A. 15% B. 25% C. 35% D. 50%
11	a- pinene hydrochloride on warming rdarranges to form bornyl chloride. The rearrangement is known as.	A. Pinacol pinacolone B. Hofinann C. Wager Mecrwein D. Wolff
12	Which of the following statement is incorrect about rock salt type	A. It has for arrangement of Na+B. Na+ and CI- ions have coordination number of 6:6 C. A unit cell of NaCI metals have rock salt type structure. D. None of them
13	In B2H6 molecule	A. There exists a direct B-B a -bond B. All the atoms are in one plane C. All the B-H bonds are normal covalent bonds D. There exist two bonds between the boron atoms.
14	Which of the following process is used for the removal of particulates.	A. Wet removal by precipitation B. Sedimentation C. Diffusion and impaction D. All above

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15	Which of the following statement is not related with environmental pollution.	A. Direct or indirect change in any component of the biosphere B. Undesirable change in the physical characteristics of the air C. Undesirables change in the biological characteristics of the soil D. not affecting adversely the industrial progress
16	Photochemical smog consist of excessive amount of X in addition to aldehydes ketones, PAN etc. X is.	A. Methane B. Carbon monoxide C. Ozone D. Carbondioxide
17	In a system, when the chemical potential of each component is the same for all phases. the equilibrium is said to be in	A. Metastable equilibrium B. Thermal equilibrium C. Composition equilibrium D. Mechanical equilibrium
18	Hypo is used in photography to.	A. Reduce AgBr to metallic silver B. Remove silver a silver salt C. Remove undecomposed silver bromide as soluble complex D. Remove reduced silver
19	Out of seven crystal system, how many can have body centered unit cell.	A. 3 B. 4 C. 2 D. 7
20	The atomic number of Potassium is 19 and that of manganese is 25. Although the coloured of MnO4 is dark violet yet the K+ is colourles This is due to the fact that	A. Mn is a transition element while K+ is not B. [MnO4]is negatively charged while K+ has a positive charge C. The effective atomicnumebr of Mn is [MnO4] is 26 while for K+ the atomic number is 18 D. The Mn in a high positive oxidation state allows charge transfer transitions