

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	The electronic configuration of chromium ($Z=24$) in the ground state is.	A. [Ar] 4s ² , 3d ⁴ B. [Ar] 3d ⁶ C. [Ar]4s ¹ , 3d ⁵ D. [Ar]
2	The rising world temperature will have serious effect on.	A. Agriculture B. Animal production C. Human being D. All above
3	Which of the following elements has the highest third ionization energy.	A. Sodium B. Magnesium C. Aluminum D. Silicon
4	The instrument used for measuring fluorescence is known as.	A. Fluorimeter B. Potentiometer C. Flame photometer D. Mass spectrometer
5	Which one of the following woul dmake an $\ensuremath{S_{\text{N}}}\xspace^2$ mechanism more likely	A. Bulky substituents near the halogen B. A polar solvent C. A tertiary carbocation intermediate D. A reactive nucleophile
6	The degree of dissociation of weak acid increases with.	A. Decreasing pressure B. Increasing pressure C. Increasing concentration D. Decreasing concentration
7	The maximum noise level at which a man can work for 8 hours is.	A. 80 dB B. 70 dB C. 90 dB D. 60 dB
8	Which property is used in volumetric methods of analysis.	A. Density B. Viscosity C. Volume D. Molar volume
9	Given A + 3B 2C + D This reaction is first under with respect to reactant A and second order with respect to reactant B . If the concentration of A is doubled and the concentration of B is halved, the rate of the reaction would by factor of	A. Increase ,2 B. Decrease ,2 C. Increase ,4 D. Decrease ,4
10	The conductance of 1 cm3 of an electrolytes solution is called its.	A. Specific resistance B. Specific conductance C. Molar conductance D. Equivalent conductance
11	For which of the following compounds is the rate of hydrolysis by aqueous alkali most likely to be independent of the hydroxide ion concentration.	A. 1-Chlorobutane B. 2- Bromobutane C. 1- lodobutane D. 2- Bromo -2- methyl butane
12	Ozone layer of stratosphere requires protection from indiscriminate use of.	A. Fungicides, insecticides, bactericides and medicines B. Aerosols and high flying jets C. Atomic explosions and industrial wastes D. Weather ballons
13	Which of the following is not a characteristic of phthalocyanine dyes.	A. They are metal complex B. the are insoluble in water C. They have porphin nucleus D. They are used in photographic plates
14	The halide which is inert to water is	A. PCI5 B. SiCI4

		C. BCI3 D. SF3
15	The correct order of second ionization potential of carbon nitrogen, oxygen and fluorine is.	A. C > N > O > F B. O > F > N > C C. O > N > F > C D. F > O > N > C
16	The width of a typical DNA molecule isnm	A. 1 B. 2 C. 5 D. 10
17	Which of the following molecule contains two dative bonds according to Lewis structure.	A. NH3 B. SO3 C. PCI5 D. BF3
18	Solar energy mainly light originates from sun due to.	A. Addition relations B. Displacement reactions C. Thermonuclear reactions D. Substitution reactions
19	The reverse of photo chemical reaction is called.	A. Phosphorescence B. Chemiluminescence C. Fluorescence D. Photscnaitization
20	O2 molecule is.	A. Fermagnetic B. Forromagnetic C. Paramagnetic D. Diamagnetic