

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Which of the following does not apply to nanotechnology.	A. It is a general purpose technology B. It can be called Green technology C. Newtonian mechanics can describe it. D. It involves rearrangement of atoms
2	Elements of group 14 have the electronic configuration of their outer shell as	A. ns ² np ³ B. ns ² np ² C. ns ² np ⁶ D. ns ²
3	Total pressure exerted by a mixture of two or more than two gases in a definite volume at any given temperature is equal to the sum of partial pressures which each gas would exert, if it occupied the same volume alone, at the same temperature This is a statement.	A. Boyle's law B. Charles's law C. Graham's law D. Dalton's law
4	At high temperature nitrogen combines with calcium carbide to give	A. Calcium cyanide B. Calcium cyanamide C. Calcium nitride D. Calcium carbonate
5	Retarded reaction are those	A. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;text-indent: .5in;line-height:normal">In which the rate of the reaction is independent of pressure</p> B. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;text-indent: .5in;line-height:normal">In which products are strongly adsorbed on the surface of the solid catalyst</p> C. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;text-indent: .5in;line-height:normal">Which are reversible under all conditions</p> D. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;text-indent: .5in;line-height:normal">For which G is positive</p></p>
6	Which of the following oxides is amphoteric..	A. CaO B. BaO C. BeO D. MgO
7	Thermogravimetric analysis has application in which of the following fields	A. Gravimetric analysis B. Discovery of new methods of separation C. Determination of purity and thermal stability D. All above

8	Which of the following is not a ligand or complexing agent.	A. CH_3COOH B. CH_3COOH C. EDTA D. CN^-
9	In which of the following compound valency of carbon is 4 but its oxidation number is zero	A. Methane B. Carbon dioxide C. Carbon monoxide D. Formaldehyde
10	Indicate false statement about stainless steel	A. The density of stainless steel is about the same as carbon or low alloy steels B. Stainless steels are poor conductors of heat C. Stainless steels are poor conductors of electricity D. Stainless steels have tensile moduli greater than those of carbon and alloy steels.
11	Who proved that all the six hydrogen atoms in benzene are equivalent.	A. Kekule B. Ladenburg C. Faraday D. Wohler
12	The electronegativity of phosphorus is.	A. 3.0 B. 2.1 C. 2.0 D. 1.9
13	The following ceramic product is mostly used as pigment in paints.	A. TiO_2 B. SiO_2 C. UO_2 D. ZrO_2
14	The correct order of second ionization potential of carbon, nitrogen, oxygen and fluorine is.	A. $\text{C} < \text{N} < \text{O} < \text{F}$ B. $\text{O} < \text{F} < \text{N} < \text{C}$ C. $\text{O} < \text{N} < \text{F} < \text{C}$ D. $\text{F} < \text{O} < \text{N} < \text{C}$
15	The process in which ore is heated generally in the presence of air, at temperature below their melting points is called.	A. Calcination B. Roasting C. Fourth floatation D. Bessemerization
16	The solution of NaOH pH 10.46 contains $[\text{OH}^-]$	A. 2.0×10^{-4} B. 4.6×10^{-4} C. 4.6×10^{-2} D. 4.6×10^{-3}
17	Is a chain silicate	A. Olivine B. Tremolite C. Beryl D. Zeolite
18	PCRA stand for	A. Pollution control research association B. Petroleum conservation Research association C. Petroleum control research association D. All of above
19	The ions Sc^{3+} , Ca^{2+} and K^+ have same electronic configuration as that of.	A. Neon B. Argon C. Krypton D. Xenon
20	Chromium is found in nature in the form of.	A. Oxides B. Silicates C. Borates D. Sulphides