

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	In each period the element with lest electron affinity belongs to.	A. Group 1 B. Group 14 C. Group 17 D. Group 18
2	According to Henry's Law. the mole fraction of a gas (x) dissolved in a solvent is related to the pressure of the gas.	A. x = k/p B. x = p/k C. x = k D. p = k/x
3	Strongest inter molecular hydrogen bond is formed in	A. H2O B. NH3 C. HF D. H2S
4	The phenomenon of x-ray diffraction was studied by	A. Huygen B. Bragg C. Max Planck D. None of above
5	Which of the following halogen exist in solid state.	A. F2 B. I2 C. CI2 D. Br2
6	The light absorbed in UV and visible region causes.	A. Vibrational energy changes B. Rotational energy changes C. Electronic excitation D. All of these
7	A mordants is substance which in	A. Coloured B. Leuco -base of a dye C. Fixes dye on the fabric D. All of these
8	Formula of orthophosphoric acid.	A. H2PO4 B. H3PO3 C. H3PO2 D. H4P2O5
9	A colloidal system in which both the dispersion phase and dispersed phase are liquid is.	A. Smoke B. Emulsion C. Whipped cream D. Mist
10	Which of the following regions of the spectrum would be used to determine the structure of the crystalline solids.	A. Microwave B. X-rays C. Visible D. Infrared
11	Boric Acid is used	A. In manufacture of pottery glaze B. In medicine as an antiseptic C. In tanning industry D. All above
12	The number 7.65 is rounded to.	A. 7.6 B. 7.7 C. 7.5 D. 7.8
13	Sterols are steroids having the functional gruup.	A. Ketonic B. Al;coholic C. Phenolic D. Aldehydic
14	The correct order of thermal stabilities of hydriedes of group 15 is.	A. NH3 > PH3 > AsH3 > BiH3> SbH3 B. NH3 > PH3 > AsH3 > SbH3> BiH3 C. NH3 < PH3 < SbH3 > AsH3 > BiH3 D. BiH3 > Sb H3 > AsH3 > PH3 > NH3

15	A molecule the cannot be susperimposed on its mirror image is said to exhibit which of the following.	A. Geometrical isomerism B. Optical isomerism C. Linkage isomerism D. Reactive isomerism
16	In Nano synthesis new unsual chemical reactions are due to.	A. Non equilibrium system B. Equilibrium system C. Isothermal system D. Adiabatic process
17	Helium is used in weather balloons and airships instead of H2 becuse it is.	A. Lighter than hydrogen B. Incombustible C. More abundant than hydrogen D. Radiactive
18	A property which gradually increases on moving down group in the periodic table is	A. Ionization enthalpy B. Elemtronegativity C. Electron affinity D. atomic size
19	The reduction in ozone layer would lead to	A. Temperature chages B. Rainfall failure C. Increase uv radiation on earth D. All above
20	Low quality steels with an M. Suffix on the designation intended for non structural application is classified as.	A. Merchant quality B. Commercial quality C. Drawing quality D. Low quality