

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Bromination of n-butane produces.	A. I-bromobutane as the major product B. 2- bromobutane as the major product C. Both I - bromo and 2-bromobutane with equal percentage D. Both i-bromo and 2-bromo products whose percentage depends upon temperature.
2	Which is not an ore of aluminium.	A. Baxuite B. Cryolite C. Monazite D. Corundum
3	Isotopes are atoms whom nuclei have the same atomic number but different mass numbers. A specific isotope has an atomic number of 18 and a mass number of 35. How many electrons are there in the neutral atom.	A. 17 B. 18 C. 34 D. 35
4	The state of hybridization of carbon in CO2 is	A. sp2 B. sp C. sp3 D. dsp2
5	The phenomenon of x-ray diffraction was studied by	A. Huygen B. Bragg C. Max Planck D. None of above
6	Which of the following compounds liberates CO2 on heating.	A. Li2CO3 B. Na2CO3 C. K2CO3 D. All liberate CO2 on heating.
7	Which of the following iso -electronic ion would require least energy for the removal of electron.	A. Ca2+ B. Cl- C. Ar- D. K+
8	Which of the following system has low as well as upper consolute temperature.	A. Nicotine - water B. Aniline -water C. Triethlylamine -water D. Phenol -water
9	Photochemical smog is caused primarily by	A. CO B. CO2 C. NO2 D. O3
10	The solution of NaOH pH -10.46 contain [OH-]	A. 2.0 X 10 ⁻⁴ B. 4.6 X 10 ⁻⁴ C. 4.6 X 10 ⁻² D. 4.6 X 10 ⁻³
11	In which pair of species, the Lewis formula contain same number of Lone pairs and bond pairs but they are not iso electronci.	A. O2 B2 B. SO2, O3 C. PCI3, BF3 D. SOCI2, COCI2
12	A mixture containing S2- and SO4 ions on trating with dil HCl will produce	A. H2S gas B. SO2 gas C. H2S and SO2 gas D. CO
13	The layer containing petroleum oil and gas is.	A. Above that of water <o:p></o:p> B. Below water <o:p></o:p>

		c. style="margin-bottom:0in;margin- bottom:.0001pt;line-height: normal">Between water and sand<0:p> D. style="margin-bottom:0in;margin- bottom:.0001pt;line-height: normal">All of above<0:p>
14	Which of the following techniques is used to separate a mixture of cations.	A. GC B. FPLC C. lon exchange chromatography D. Size exchange chromatography
15	The structure of SO2	A. Linear B. Angular C. V-shaped D. Planner
16	Which is the strongest reducing agent.	A. HF B. HCI C. HBr D. HI
17	Dolmite is a mineral whose formula is.	A. CaCO3 B. Mg CO3 C. CaCO3, MgCO3 D. CaSO4
18	Which number of halogen family does not show positive oxidation state.	A. Fluorine B. Chlorine C. Bromine D. lodine
19	A terpenoid which as an alcoholic group in the molecule is	A. Citral B. Camphor C. Menthol D. Carvone
20	Which of the following analytical method is based on scattering of radiation.	A. Emission spectroscopy B. Colorimetry C. Turbidimetry D. Polarimetry