

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	The function of boiling the sodium extract with conc. HNO3 before testing the halogens is	A. To make solution clear B. To make the solution acidic C. To bring common ion effect D. To destroy CN- and S2- ion
2	Considering the element B,C, N, G and Si, the correct order of their non- metallic character is.	A. B > C > Si > N > F B. Si > C > B > N > F C. F > N > C > B > Si D. F > N c > > SI > B
3	If Principal quantum number n = 4 the quantum number I can have calue.	A. 1,2,3 and 4 B. 0,1,2 and 3 C. 1,2 and 3 only D. None of the abvoe
4	Which are not considered member of d-block elements.	A. Zn B. Cd C. Hg D. All above
5	Which of the following is the third most abundant element in the nature.	A. Oxygen B. Sulphur C. Aluminum D. Hydrogen
6	in the system of designating wrought aluminum alloys the letter F that follows the number indicates what condition of the alloy.	A. As fabricated B. Calcined C. Annealed D. Strain hardened
7	In which pair of species, the Lewis formulae contain same number of ion pairs and bond pairs but they are not isoelectronic.	A. O2, N2 B. SO2, O3 C. PCI3 , BF3 D. SOCI2, COCI3
8	Which of the following makes the motion of perpetual motion machine a physical impossibility.	A. First law of thermodynamics B. Second law of thermodynamics C. Third law of thermodynamics D. The Boltzmann law
9	The process in which ore is heated generally in the absence of air, to expel water from a hydrated oxide at temperature below their melting points is called.	A. calcination B. Roasting C. Froth floatation D. Bessemerization
10	Nitrobenzen can be prepared from benzene by using a mixture of conc. HNO3 and conc. H2SO4 In the nitrating mixture. HNO3 acts as a.	A. Base B. Acid C. Oxidizing agent D. Catalyst
11	Pick out the incorrect statement.	A. Red phosphorus consists of a complied chain structure and black phosphorus has a layer structure. B. Nitrogen shows a little tendency for catenation, because N-N a single bond is very strong. C. The xamimum number of covalent bonds formed by nitrogen is four, since it has no d-orbitals in its valence shell D. The group 15 elements do not form M5+ ions, but +5 oxidatin state is realized only through covalent bonding.
12	Which of the following compounds has highest boiling point.	A. HI B. HF C. HBr D. HCI
13	A stable molecule is a group of atoms held together by	A. Chemical forces B. Physical forces C. Valence force D. None of above

14	Vitamin D1 is chemically known as	A. Ergocalciterol B. Tocopherol C. Aserphthol D. Phylloquinone
15	Is an instate able colourles gas with a sticky sweet odor and is extremely toxic.	A. B2 H6 B. B4 H10 C. B3 H9 D. B6 H10
16	The equivalent conductance (^) and molar conductance (^ m) of BaSO4 are related as.	A. ^= ^m/2 B. ½2 = ^m C. ^= ^m D. ^= ^m/4
17	Which of the following ahs non zero dipole moment.	A. NH3 B. SF6 C. BF3 D. CO2
18	Not a Characteristic property of ceramic material	A. High temperature stability B. High mechanical strength C. Low elongation D. Low hardness
19	The change of chemical potential of any component with temperature an constant P and composition, is euqal to.	A. Partial molar enthalpy of that component B. Partial molar volume C. Partial molar free energy D. Negative of the partial molar entropy
20	The physical methods of nano roads syntheses involves.	A. Top down approach B. Bottom up approach C. Left right approach D. Right left approach