

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	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 > > Sl > B
2	Stereotsomers not related to each other as object and minor image are called.	A. Enantiomers B. Diastereolsomers C. Conformations D. Antipodes
3	Opticla tweezers	A. Are used to remove facial hair with miniaturized laser beams B. use light to manipulate particles as small as single atom C. Are a nanotechnology bases tool for stamp collectors D. Don't exist
4	Which among the following is a Talse statement.	A. SO3 is obtained by the catalytic oxidation of SO2 B. SO3 has trigonal planar geometry in gaseous state C. SO3 in nauseous state has all S-O bonds equivalent D. SO3 gas shows more solubility in water than in H2SO4
5	Which of the following statements is not related with entropy.	A. It is a measure of disorder     B. It is a measure of unavailable energy     C. It is a function of thermodynamics probability     D. It is a path function
6	Zero group of the periodic table consists of.	A. Four elements B. Five elements C. Six elements D. Eight elements
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	Major achievement of CFT is	A. Interpreting the color B. Adsorption spectra C. Both A and B D. None of above
9	Which of the following is not an ore of nickel.	A. Pentalandite B. Siderite C. Garnierite D. Nicollite
10	Which of the following reactions is employed to produce ozone in the laboratory.	A. Exposure of air to UV light B. Reaction of F2 with H2O at low temperature C. Reaction SO2 with H2O2 D. Passage of silent electric discharge through oxygen
11	Citral when heated with KHSO4 forms.	A. Isoprene B. p-cymene C. p-menthane D. Dipentene
12	The colour of Ni2+ ion is.	A. Blue B. Green C. deep green D. Orange
13	Which of the following is a thermometric method.	A. TGA B. DTA C. DTG D. All

14	Biomass refers to all the organic material derived from	A. Photolysis B. Photosynthesis C. Electrolysis D. Oxidation
15	The possible sub levels in the n = 4 energy level are.	A. s,p,d B. s,p,d,f C. s D. s,p
16	When Phosphate rock Ca3(PO4) 2 is converted to phosphorus.	A. One of the products of the reaction is water B. Sulphuric acid is added to generate insoluble calcium sulphate C. Hydrogen is used to reduce the phosphate to phosphorus D. Silica is added to form a calcium silicate slag
17	Transition elements, in general, exhibit the following properties, except one, Name that property.	A. Variable oxidation state     B. Natural radioactivity     C. Tendency to form complexes     D. Formation of alloys
18	The alpha iron will become paramagnetic at temperature above	A. 770 C B. 550 C C. 660 C D. 440 C
19	The noble gas which was discovered first in the sun and then on the earth is.	A. Helium B. Neon C. Argon D. Xenon
20	Enantiomers have which of the following characteristics.	A. Rotate ordinary light     B. Have the same melting point     C. Are superimposable mirror image     D. React with optically active     molecule at the same rate