

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	The hybridization of sulphur in sulphur dioxide is.	A. sp B. sp2 C. sp3
2	C is -2 butene on reaction with bromino give 2,3 -dibromobutane which is	D. dsp2  A. Recemic mixture B. Meso isomer C. Dextoroisomer D. Levoisomer
3	A gas obeying the van Waals equation will closely resemble and ideal gas if	A. The parameters 'a' and 'b' are small B. 'a' is small but 'b' is large C. 'a' is large but 'b' is mall D. None of the above
4	The role of the mineral cryolite Na2AIF6 in the Hall process for aluminum production is.	A. It is the source of aluminum B. it is a chemical reducing agent C. It forms a slag to remove impuriteis D. In the molten state, it is a solvent for alumina Al2O3
5	Visible light is just a portion of radiation emitted by atoms. Which of the following statements is not related with visible light.	A. visible light is electromagnetic in nature. B. It travels with the speed of light C. It is a mass D. The wave number of light is directly proportional to its wave length.
6	Which configuration has lowest potential energy.	A. Eclipsed B. Staggered C. Skew D. All have same energy
7	Example of peseudohalonge group.	A. Cyanogen B. Thiocyanogen C. Selenocyanogen D. All above
8	Which of the following technique is used for separation of volatile components.	A. GC B. HPLC C. FPLC D. TLC
9	The principal ores of copper are	A. Copper sulphides     B. Copper oxides     C. Both sulphides and oxides     D. Copper carbonate
10	The oxidation Number of I in HIO4 is.	A. +6 B. + 7 C. + 3 D. + 14
11	Metals are	A. Transparent B. Tranalucant C. Opaque D. None of above
12	CNG is stored under	A. Power generation B. Electric Generators C. Solvent D. All of above
13	The number 7.65 is rounded to.	A. 7.6 B. 7.7 C. 7.5 D. 7.8
14	The minimum amount of energy that the reacting molecules must posses at the time of collations in under to produce effective collisions is called.	A. Free energy B. Threshold energy C. Activation energy

		D. External energy
15	Solid substances consist of an ordered any of ions and solid as a whole is electrically.	A. Conductor B. Neurtal C. Acidic D. Basic
16	A correct reaction mechanism for a given reaction usually is.	A. The same as the balanced chemical equation     B. Obvious if its heat of reaction is known     C. Sometimes difficult to prove     D. Obvious if the activation energy is known
17	Water pollution is due to	<ul><li>A. Agricultural discharges</li><li>B. Swages and other wastes</li><li>C. Industrial effects</li><li>D. All the above</li></ul>
18	Which of the following pose threat to historical monument Taj.	A. Floods in Yamuna river     B. Temperature mediated spoilage of marble     C. Air pollutants from Mathura refinery     D. Weathering of marble
19	Which of the following statement is not related to applications and limitations of first law of thermodynamics.	A. This law explains why chemical reactions proceed to completion B. It is silent about the source of heat C. It is silent about the direction of heat D. It does not tell us about the reversible process.
20	PCRA stand for	A. Pollution control research association     B. Petroleum conversation Research association     C. Petroleum control research association     D. All of above