

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Which of the following is not an extensive property.	A. Work B. Entropy C. Free energy D. Volume
2	The principal quantum number determines the overall size of the orbital and energy of the electron when it is associated with the orbital.lt may have the values.	A. n = 1,3,5infinity B. n= 2,4,6infinity C. n = 1,2,3,4infinity D. None of the abvoe
3	Copper occurs in nature as.	A. Native B. Combined C. Both native and combined D. None of the above
4	Usually the rate of the reactions is expressed as.	A. mol dm-1 B. mol dm-3 s-1 C. mol dm-2 s-1 D. mol 2 dm-3 s-1
5	Which of the following elements is most electropositive.	A. C B. N C. O D. Be
6	Which of the following salt is green in colour	A. Mn salt B. Cr salt C. Co salt D. Ba salt
7	Which of the following radical is a member of VI group.	A. Mg ²⁺ B. Na+ C. K+ D. NH ₄ ⁺ E. All above
8	The volume of given mass of gas at constant pressure is directly proportional to the absolute temperature. This is a statement of.	A. Charles's law B. Boyle's law C. Avogadro's law D. Dalton's law
9	Which of the following is not chemical characteristics of water.	A. pH B. COD C. BOD D. Colour
10	Which of the following equations represent linear free energy relationship.	A. Hammett equation B. Taft equation C. Helmholtz equation D. Differential equation
11	SO3 exists in form	A. a -so3 B. b-SO3 C. gama SO3 D. All above
12	Which of the following is the best indicator for titration of CH3COH with NaOH	A. Methyl orange B. Methyl red C. Phenophthalein D. Eosin
13	Cyclic polymers of ethylene glycol formed by condensation are called.	A. Crown ether B. Brown ether C. Cryptates D. Both A and C
14	Which of the following reactions does not take place with light radiation.	A. Oxidation B. Reduction C. Polymerization D. Double displacement
15	Which of the following statement represent disadvantages of sanitary landfill	A. Public opposition B. Uneconomical C. Health hazard

		D. All above
16	Which of the following methods is the most common method for separation of liquid components from a mixture.	A. Dialysis B. Solvent extraction C. Precipitation D. Distillation
17	Inert pair effect is that	A. When an element shows incertness in chemical combination B. When higher oxidation state is more stable than lower oxidation state C. When an electron pair is present on the atom of an element D. When two s -electrons or outermost shell remain paired and do not participate in bonding.
18	The alternate feasible fuel for existence of mankind to	A. Uranium B. Wood C. Bontonite D. Cloth residues
19	Which of the following techniques is used to reduce the need for large volumes of organic solvents.	A. Solid phase extraction B. Gel permeation C. Electrophoresis D. TLC
20	An acid base titration involves a neutralization reaction in which an acid is reacted with an equivalent amount of base The titrant is always a strong acid or base The analyte may be	A. Strong acid B. Strong base C. Weak acid and Weak base D. All above