

## PPSC Chemistry Part V Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Calander stock is a process in paper making in which.	A. Thickness of the paper is reduced B. Surface of paper is made smooth C. Moisture is removed D. Both A and B
2	Since the acid gives both acidic and normal salts so the acid is.	A. di acid B. di basic C. double salt D. Any of above
3	The emission of light characteristics of metal and correlation of intensity of the light emitted with concentration of that metal forms the basis of.	A. Roman spectroscopy B. IR spectroscopy C. Flame photometry D. Rotational spectroscopy
4	Of the molecules, SF <sub>4</sub> Xe F <sub>4</sub> and CF <sub>4</sub> which have square planar geometry.	A. SF <sub>4</sub> , Xe f <sub>4</sub> and CF <sub>4</sub> B. SF <sub>4</sub> only C. CF <sub>4</sub> only D. XeF <sub>4</sub> only
5	The first noble gas compound was	A. XeO <sub>3</sub> B. XeF <sub>4</sub> C. XeF <sub>6</sub> D. Xe +[PtF <sub>6</sub> ]
6	In which polymer the strength of inter molecular forces is maximum	A. Elastomers B. Thermoplastic C. Fibre D. Cross linked polymer
7	Glass obtained by placing a layer of butyral plastic with a suitable adhesive between two layers of glass and cementing them by heat and pressure is called.	A. Glass wool B. Safety glass C. Optical glass D. Jena glass
8	The number of Glass products now manufactured is.	A. 25,000 B. 75,000 C. 50,000 D. All of these
9	Which of the following is not an ore of iron.	A. Haematite B. Magnetite C. Siderite D. Monazite
10	The law of trinoids was proposed by	A. Dobereiner B. Newlands C. Lothar Mayer D. Chancourtois
11	Four elements A, B,C,D have atomic numbers Z , 1 ,Z, Z +1 and Z +2 Respectively If Z is 9, then bond between which pair of elements will be ionic.	A. A and C B. D and C C. D and B D. B and C
12	The aluminium salt commonly used to stop bleeding is	A. Aluminium sulphate B. Potash Alum C. Aluminium chloride D. Aluminium fluoroide
13	Which of the following is not a characteristics of crystalline solids.	A. Sharp melting point B. Isotropic C. Long range orderly arrangement D. None of above
14	Which one of following is non polar	A. CH <sub>2</sub> Cl <sub>2</sub> B. CCl <sub>4</sub> C. CHCl <sub>3</sub> D. CH <sub>3</sub> Cl
15	A terpenoid which has an alcoholic group in the molecule is.	A. Citral B. Camphor C. Menthol D. Carvone

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16 It has been observed that if one goes on adding  $\text{KNO}_3$  solution to a precipitate of  $\text{AgCl}$  the solubility of these precipitates goes on increasing with increasing concentration of  $\text{K}^+$  and  $\text{NO}_3^-$  ions which are not common to  $\text{AgCl}$  This is due to which effect.

A. Divers ion effect  
B. Uncommon ion effect  
C. Activity effect  
D. All above

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17 Ziegler -Natta catalysta is

A.  $(\text{C}_2\text{H}_3)_3\text{ Al}$   
B.  $\text{TiCl}_4$   
C.  $(\text{C}_2\text{H}_5)_3\text{ Al/TiCl}_4$   
D.  $(\text{C}_2\text{H}_3)_3\text{ B/TiCl}_2$

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18 In reverse phase chromatography which of the analyte will be eluted more readily.

A. Polar  
B. Non polar  
C. Semi polar  
D. All above

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19 The juice is allowed to boil at lower temperatures to protect the sugar from

A. Hardening  
B. Solubility in water  
C. Caramelization  
D. Dwaterring

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20 All naturally occurring processes spontaneously in a direction leads to.

A. Decrease of entropy  
B. Increase of entropy  
C. Decrease in free energy  
D. Increase in free energy

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