

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	O <sub>2</sub> molecule is.	A. Ferromagnetic B. Paramagnetic <b>C. Paramagnetic</b> D. Diamagnetic
2	Black and white photographic film contain small grains of.	<b>A. Silver bromide</b> B. Silver chloride C. Silver iodide D. Any of above
3	Perdisulphuric acid is.	<b>A. Marshall acid</b> B. Caro acid C. None of above D. Any of above
4	H <sub>2</sub> SO <sub>4</sub> is used	A. In the preparation of aqua regia B. In the purification of gold and silver C. In the dental filling <b>D. None of above</b>
5	The specific gravity of H <sub>2</sub> SO <sub>4</sub> is	A. 1.37 <b>B. 1.84</b> C. 1.17 D. 1.57
6	The contact process is mainly used when acid is required for the manufactures of.	A. Explosives B. Fine chemicals C. Lead accumulators <b>D. All above</b>
7	The H <sub>2</sub> SO <sub>4</sub> obtained by the contact process having purity	A. 70% B. 74% <b>C. 78%</b> D. 82%
8	Gases and dust particles are removed from H <sub>2</sub> SO <sub>4</sub> by	<b>A. Tydal effect</b> B. Drying tower C. Absorption tower D. Contact converter
9	The commonly used catalyst in the manufacture of H <sub>2</sub> SO <sub>4</sub>	A. Fe <sub>2</sub> O <sub>3</sub> with a little CuO B. V <sub>2</sub> O <sub>5</sub> C. Platinized asbestos and MgSO <sub>4</sub> <b>D. All above</b>
10	H <sub>2</sub> SO <sub>4</sub> is manufactured by	A. The lead chamber process B. The contact process <b>C. Both A and B</b> D. The Ostwald's process
11	H <sub>2</sub> SO <sub>4</sub> acts as gent	<b>A. Reducing</b> B. Oxidizing C. Both A and B D. None of above
12	A thionic acid	A. H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> <b>B. H<sub>2</sub>S<sub>2</sub>O<sub>6</sub></b> C. H <sub>2</sub> S <sub>2</sub> O <sub>8</sub> D. H <sub>2</sub> S <sub>2</sub> O <sub>7</sub>
13	Is a peroxy acid	<b>A. H<sub>2</sub>SO<sub>5</sub></b> B. H <sub>2</sub> S <sub>2</sub> O <sub>6</sub> C. H <sub>2</sub> SO <sub>4</sub> D. H <sub>2</sub> S <sub>2</sub> O <sub>7</sub>
14	SO <sub>3</sub> exists in form	A. a -so <sub>3</sub> B. b-SO <sub>3</sub> C. gamma SO <sub>3</sub> <b>D. All above</b>
15	The structure of SO <sub>2</sub> is	A. Linear B. Angular <b>C. V-shaped</b> D. None

16	SO <sub>2</sub> acts as	A. Lewis base B. Lewis acid C. Both A and B D. None of above
17	The formula of sulphur sesquioxide	A. SO <sub>4</sub> B. S <sub>2</sub> O <sub>7</sub> C. S <sub>2</sub> O <sub>3</sub> D. SO <sub>3</sub>
18	Molecule of oxygen is	A. Diamagnetic B. Paramagnetic C. Both A and B D. None of above
19	Oxygen and sulphur exist in state	A. Free B. Combined C. <sub>Both free &amp; combined</sub> D. None of above
20	Electronegativity of oxygen is.	A. 2,5 B. 3,5 C. 2,4 D. 2.1