

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Reacts violently with water	A. AlH_3 B. AlCl_3 C. LiAlH_4 D. Al_2Cl_6
2	AlCl_3 is used in	A. Manufacturing of petrol B. In borax bead test C. Preservation of food D. All above
3	Aluminium halides is.	A. White crystalline solid B. Hygroscopic C. Sublimes at 180°C D. All above
4	Sodium Tetra borate is used	A. As alkaline buffer in dying & bleaching process B. In manufacture of optical glass C. in enameling and making glaze D. All above
5	The formula of borax glass is.	A. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ B. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$ C. $\text{Na}_2\text{B}_4\text{O}_7$ D. None of above
6	Borax exist in the form	A. Ordinary borax B. Octahedral borax C. Borax glass D. All above
7	Boric Acid is used	A. In manufacture of pottery glaze B. In medicine as an antiseptic C. In tanning industry D. All above
8	The formula of Tetraboric acid is.	A. H_2BO_3 B. HBO_2 C. $\text{H}_2\text{B}_4\text{O}_7$ D. $\text{H}_6\text{B}_4\text{O}_9$
9	The formula of Borax is.	A. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 6\text{H}_2\text{O}$ B. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 8\text{H}_2\text{O}$ C. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ D. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 12\text{H}_2\text{O}$
10	Diborane is used	A. For high energy fuel B. For welding torches C. as reducing agent D. All above
11	Is an unstable colourless gas with a sticky sweet odor and is extremely toxic.	A. B_2H_6 B. B_4H_{10} C. B_3H_9 D. B_6H_{10}
12	The formula of hexa borane is.	A. B_4H_{10} B. B_6H_{10} C. B_5H_9 D. B_8H_{12}
13	Magnalium is alloy of Aluminium which is used in	A. Scientific apparatus B. Aircraft parts C. Rail road care D. Boat machinery
14	Aluminium is used for.	A. Making utensils & frame B. Making alloys C. Reducing agent D. All above
15	In the purification of bauxite, the ore is fused with sodium carbonate in the process	A. Baeyer's process B. Hall's process C. Serpeck's process D. All

		D. Any of above
16	The purification of Bauxite can be carried out.	A. Baeyer's process B. Hall's process C. Serpek's process D. Any of above
17	The formula of Bauxite is.	A. Al_2O_3 B. $Al_2O_3 \cdot 2H_2O$ C. $Al_2O_3 \cdot H_2O$ D. Na_3AlF_6
18	Sulphate ores of aluminium	A. Alomite B. Cryolite C. Fekdsper D. Kaolin
19	Oxides ores of Aluminium	A. Corundum B. Bauxite C. Diaspore D. All above
20	Both the elements shows allotropy	A. B & Al B. B & Si C. Al & Si D. Any of above
21	Both the elements are typical non metals.	A. B & Al B. B & Si C. Al & Si D. Any of above
22	Form electron deficient compounds	A. B B. Al C. Both B and Al D. None of above
23	Which of the following have +3 oxidation states.	A. B & Al B. In & Tl C. B & In D. Al & Tl
24	Give violet colour to flame	A. Gallium B. indium C. Thallium D. Aluminium
25	The valence shell electronic configuration of group III A is.	A. $ns^1 p^2$ B. $ns^2 p^1$ C. $ns^3 p^2$ D. $ns^2 p^2$
26	All the member of group III A are metals except.	A. B B. Al C. Ga D. In
27	The penultimate shells have pscudo inert gas type configuration.	A. Ga B. In C. Tl D. All above
28	Group III A of the periodic table consist of elemetns.	A. 3 B. 4 C. 5 D. 6
29	Bryllium salts on hydrolysis give.	A. Basic solutions B. Acidic solutions C. Neutral solutions D. Amphoteric solutions.
30	Ca H ₂ on reaction with water liberates	A. H ₂ B. O ₂ C. Botha of these D. None of these