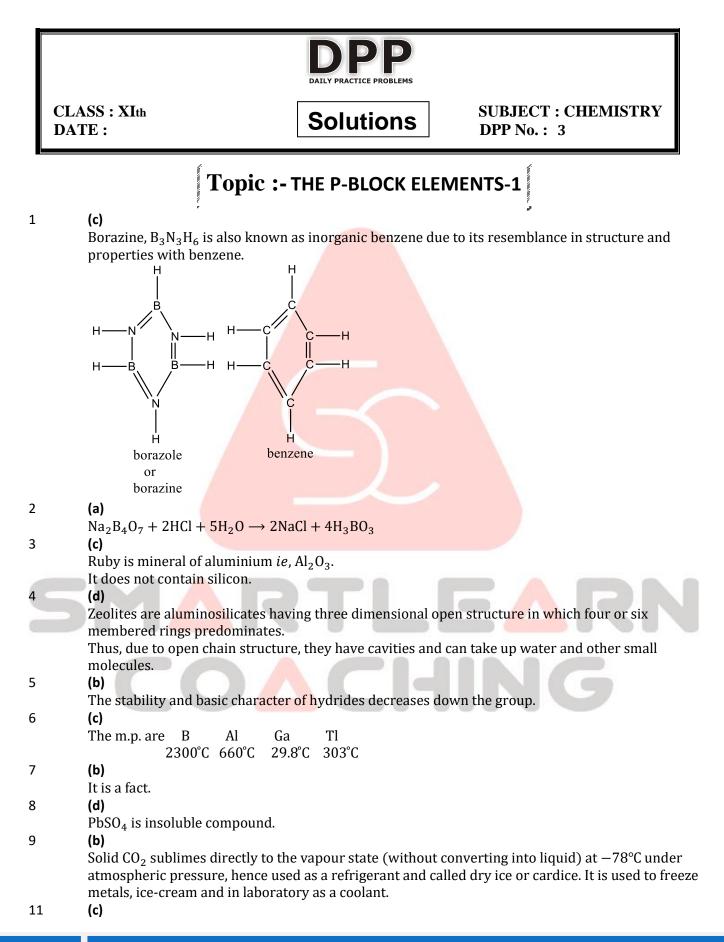


Smart DPPs





Smart DPPs

	Froth-floatation is used to concentrate sulphide ores [Galena (PbS)].										
12	(d)										
	It is an use of Al which on coating prevents corrosion of surface coated.										
13	(b)										
	Due to hydrolysis of Al ³⁺ ions.										
14	(a) In aluming thermic process, aluminium is used as reducing agent										
	In alumino thermic process, aluminium is used as reducing agent.										
	$e. g., Fe_2 O_3 + 2Al \xrightarrow{3000^{\circ}C} Al_2 O_3 + 2Fe + 185 \text{kcal}$										
15	(b) It is a fact										
16	It is a fact. (d)										
10	Pb^{4+} is strong oxidant and I ⁻ is strong reductant and thus, PbI_4 does not exist.										
17	(a)										
	Carbon suboxide (C_3O_2) is anhydride of malonic acid. It has linear structure. C – C bond length is										
	130 Å and C – O bond length is 120 <mark>Å.</mark>										
18	(d)										
	$Pb(NO_3)_2 \rightarrow PbO + 2NO_2 + \frac{1}{2}O_2$										
19	(a)										
	All ₃ , on reaction with CCl ₄ , <mark>gives</mark> the AlCl ₃										
	$4\text{AlI}_3 + 3\text{CCl}_4 \rightarrow 4\text{AlCl}_3 + 3\text{CI}_4$										
20	(a) $M''(\Omega) = M'''(\Omega) = 2411 \Omega$										
	General formula of alum is, M'_2 SO ₄ · M'''_2 (SO ₄) ₃ · 24H ₂ O										

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ANSWER-KEY												
Q.	1	2	3	4	5	6	7	8	9	10	1	
A.	С	A	C	D	В	C	В	D	В	А]	
	2			1			100		5			
Q.	11	12	-13	14	15	16	17	18	19	20]	
A.	С	D	В	A	D	D	Α	D	А	А		