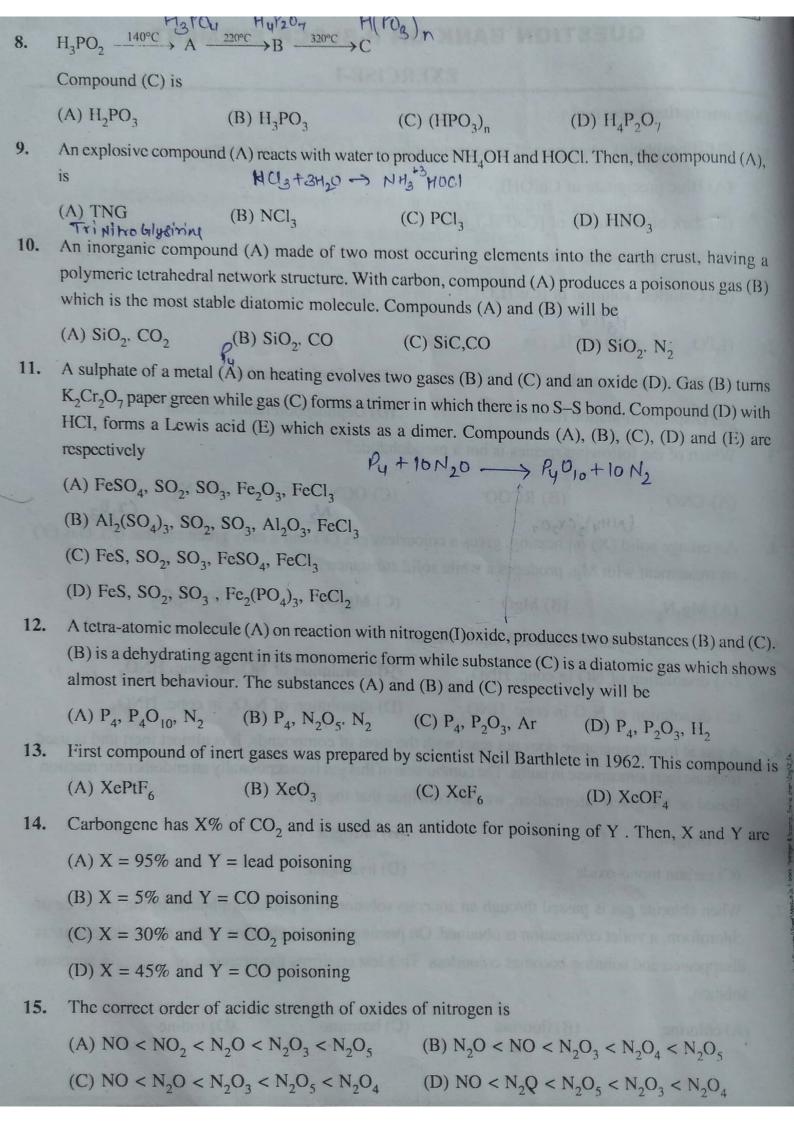
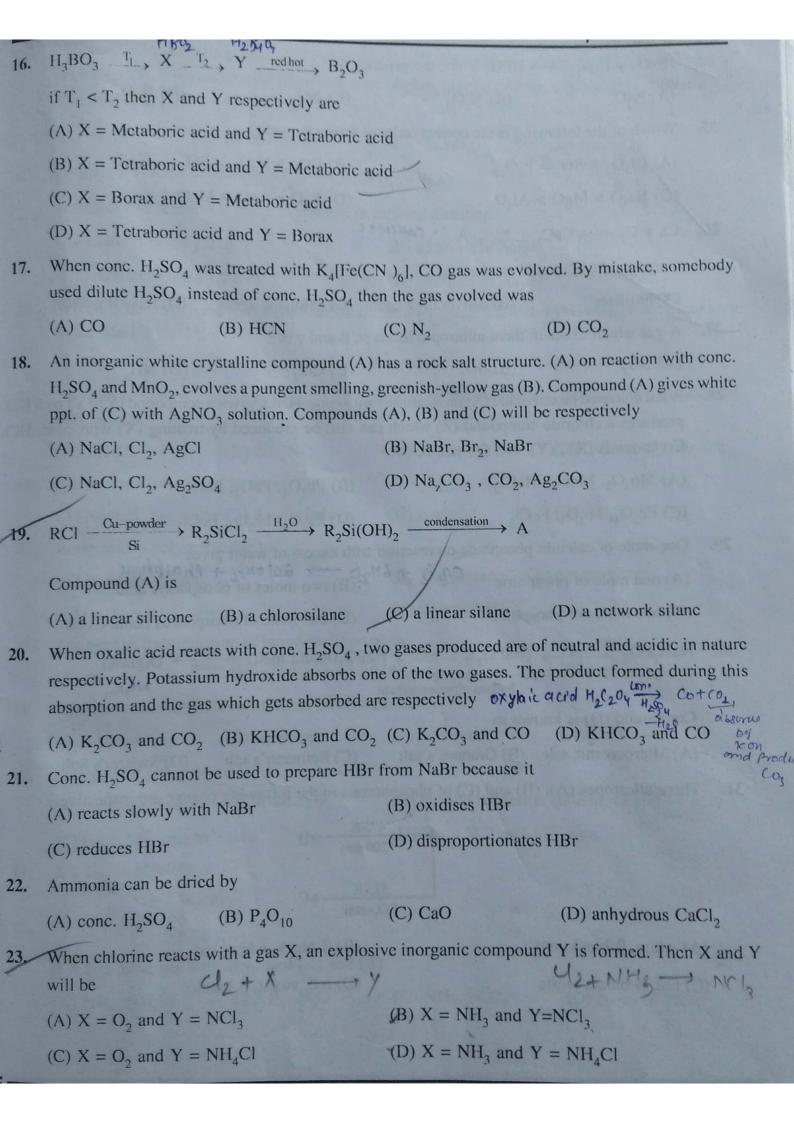
Only	one option is correct:					
1.	PH <sub>3</sub> (Phosphine) when passed in aqueous solution of CuSO <sub>4</sub> it produce -					
	(A) Blue precipitate of Cu(OH) <sub>2</sub> .					
	(B) dark blue solution of [Cu(PH <sub>3</sub> ) <sub>4</sub>  SO <sub>4</sub>					
	(C) Black precipitate of Cu <sub>3</sub> P <sub>2</sub>	SBG STUDY				
	(D) Colorless solution of $[Cu(H_2O)_4]^+$ $H_3PO_2 \xrightarrow{\Delta} (X) + PH_3$ ; is	3DG 310D1				
2.						
	(A) Dehydration reaction	(B) Oxidation reaction				
	(C) Disproportionation reaction	(D) Dephosphorelation reaction				
3.	Which of the following species is not a pseu-	of the following species is not a pseudohalide?				
4.	(A) CNO (B) RCOO  (NH4)2 (7207  An orange solid (X) on heating, gives a colo on treatement with Mg, produces a white sol	(C) OCN- (D) $N_3^-$ ( $\sqrt[8]{2}^0$ ) ourless gas (Y) and a only green residuc (Z). Gas (id substance	(Y)			
	(A) $Mg_3N_2$ (B) $MgO$	(C) $Mg_2O_3$ (D) $MgCl_2$				
5.	Conc. HNO3 is yellow coloured liquid due to	o ment when no (2) observation amount to				
	(A) dissolution of NO in conc. HNO <sub>3</sub>	(B) dissolution of NO <sub>2</sub> in conc. HNO <sub>3</sub>				
	(C) dissolution of N <sub>2</sub> O in conc. HNO <sub>3</sub>	(D) dissolution of N <sub>2</sub> O <sub>3</sub> in conc. HNO <sub>3</sub>				
6,	A gas at low temperature does not react with the most of compounds. It is almost inert and is used to create inert atmosphere in bulbs. The combustion of this gas is exceptionally an endothermic reaction. Based on the given information, we can conclude that the gas is					
	(A) oxygen	(B) nitrogen				
	(C) carbon mono-oxide	(D) hydrogen				
7. When chlorine gas is passed through an aqueous solution of a potassium halide in the chloroform, a voilet colouration is obtained. On passing more of chlorine water, the voilet colouration becomes colourless. This test confirms the presence of solution.						
	(A) chlorine (B) fluorine	(C) bromine (D) iodine				





24.	$HNO_3 + P_4O_{10} \longrightarrow HPO_3 + A$ ; the product A is					
	(A) N <sub>2</sub> O (	B) N <sub>2</sub> O <sub>3</sub>	(C) NO <sub>2</sub>	(D) N <sub>2</sub> O <sub>5</sub>		
25.	Which of the following is the correct order of acidic strength?					
	(A) $Cl_2O_7 > SO_3 > P_4O_{10}$ (B) $CO_2 > N_2O_5 > SO_3$					
	(C) $Na_2O > MgO > Al_2$	(D) $K_2O > CaO > M$	gO			
26.	$Ca + C_2 \longrightarrow CaC_2 \xrightarrow{N_2} A$ $Can(n) + C$					
	Compound (A) is used as a/an					
	(A) fertilizer (	B) dehydrating agent	(C) oxidising agent	(D) reducing agent		
27.	27. A gas which exists in three allotropic forms $\alpha$ , $\beta$ and $\gamma$ is					
	(4) 00	B) SO <sub>3</sub>	(C) CO <sub>2</sub>	(D) NH <sub>3</sub>		
28.	A red coloured mixed oxide (X) on treatment with conc. HNO <sub>3</sub> gives a compound (Y), (Y) produces a chloride compound (Z) which can also be produced by treating (X) with c Compounds (X), (Y), and (Z) will be					
	(A) Mn <sub>3</sub> O <sub>4</sub> , MnO <sub>2</sub> , MnO		(B) Pb <sub>3</sub> O <sub>4</sub> , PbO <sub>2</sub> , PbC			
	(C) $\operatorname{Fe_3O_4}$ , $\operatorname{Fe_2O_3}$ , $\operatorname{FeCl_2}$ (D) $\operatorname{Fe_3O_4}$ , $\operatorname{Fe_2O_3}$ , $\operatorname{FeCl_3}$					
29.						
	(C) two moles of phosph		(D) one mole of phosph			
30.	$NaH_2PO_4 \xrightarrow{> 240^{\circ}C} (N$					
		Sodium trimetaphosphate		Nazru		
	Compound (D) is known	as	O bus COHE (II)			
	(A) Microcosmic salt (E			D) Switzer's Salt		
31.	Three allotropes (A), (B) and (C) of phosphorous in the following change are respectively					
		A 473 I	<del>≤</del> tm →B			
		573 k CO <sub>2</sub> –at	C C			
(A) white, β-black, red (B) β-black, white, red						
	(C) red, β-black, white	(	D) red, violet, β-black			

