QI.	Which species is never formed during the reactions of chlorine with water?							
	A	Chloride ions		0				
	В	Chlorate(I) ions		0				
	С	Hydrogen		0				
	D	Oxygen		0				
						(Total 1 mark)		
Q2.								
,	Whi	ch of these solid soc	lium halides	does not reduce o	concentrated s	sulfuric acid?		
	A	NaAt	0					
	В	NaBr	0					
	С	NaCl	0					
	D	Nal	0					
						(Total 1 mark)		
Q3.								
,	Which statement correctly describes a trend down Group 7 from Cl to I?							
	X represents CI, Br or I							
	A	The boiling point of	HX increase	es.		0		
	В	The bond dissociate	ion energy of	f H–X increases.		0		
	С	The standard electr	•			0		
	D	$X_2(aq) + 2 e^- \rightarrow 2 \lambda$ The solubility of Ag	,	•				
		The solubility of Ag	A III GIIIIIIOIII	a moroadod.		(Total 1 mark)		
						(1233.13.114.11)		

Q4									
	Which statement about chloride ions is correct?								
	A	They are oxidised by concentrated sulfuric acid.		0					
	В	They form a cream precipitate with silver nitrate solution.		0					
	С	They form a cobalt(II) complex with a tetrahedral shape.		0					
	D	They have the electron configuration 1s ² 2s ² 2p ⁶ 3s ² 3p ⁴		0					
				(Total 1 mark)					
Q5	-								
	Which species is the strongest reducing agent?								
	Α	F ₂							
	В								
	С	F- O							
	D	-							
				(Total 1 mark)					
Q6	_								
٦,	Which statement is correct?								
	Α	Chloride ions reduce concentrated sulfuric acid to form sulfur dioxide.	0						
	В	Bromide ions reduce concentrated sulfuric acid to form sulfur.	0						
	С	Bromide ions reduce iodine to form iodide ions.	0						
	D	lodide ions reduce chlorine to form chloride ions.	0						
				(Total 1 mark)					

Ų/		nich is a correct trend down Group 7 from fluorine to iodine?						
	A	The boiling point of the element decreases.						
	В	The oxidising ability of the element decreases.	0					
	С	The electronegativity of the atom increases.	0					
	D	The first ionisation energy of the atom increases.	0					
				(Total 1 mark)				
Q8	·							
	Which species is not a possible product of the reactions between chlorine and water?							
	A	CI-						
	В	CIO-						
	С	O ₂						
	D	OH-						
				(Total 1 mark)				
Q9)_							
40	A test for chloride ions in aqueous solution involves adding dilute nitric acid followed by aqueous silver nitrate.							
	What is the reason for adding the nitric acid?							
	A	To convert AgNO ₃ into [Ag(NO ₃) ₂] ⁻	0					
	В	To decrease the solubility of silver chloride	0					
	С	To increase the pH of the solution	0					
	D	To prevent the precipitation of other silver compounds	0					
				(Total 1 mark)				