1	Whi	ich equation represents a reaction that does take place?				
		A	$Cl_2 + 2Nal \longrightarrow 2N$	aCl + I ₂	0	
		В	$Br_2 + 2NaCl \longrightarrow 2$	NaBr + Cl ₂	0	
		С	NaCl + H ₂ O → H	ICI + NaOH	0	
		D	2HCl + H ₂ SO ₄ —	→ Cl ₂ + SO ₂ + 2H ₂ O	0	
						(Total 1 mark)
2	What will you see when a solution of silver nitrate is added to a solution containing bromide ions and concentrated aqueous ammonia is added to the resulting mixture?					
	A a white precipitate soluble in concentrated aqueous ammonia					
	В	B a white precipitate insoluble in concentrated aqueous ammonia				
	C a cream precipitate soluble in concentrated aqueous ammonia					
	D a yellow precipitate insoluble in concentrated aqueous ammonia					
						(Total 1 mark)
3	Whi	ich species is the best oxidising agent?				
		Α	Cl ₂	0		
		В	CI ⁻	0		
		С	Br ₂	0		
		D	Br ⁻	0		
						(Total 1 mark)
4		An aqueous solution of a white solid gives a yellow precipitate with aqueous silver nitrate. The formula of the white solid could be				
	Α	AgBr				
	В	Agl				

С

D

NaBr

Nal

Tapton School Page 1 of 3

(Total 1 mark)

5

Which of these species is the best reducing agent?

A Cl₂

B CI-

C I₂

D |- 0

(Total 1 mark)

Tapton School Page 2 of 3

Mark schemes

1 A [1]
2 C [1]
3 A [1]
4 D [1]

Tapton School Page 3 of 3

[1]