

**June 2004**

**INTERNATIONAL GCSE**

**MARK SCHEME**

**MAXIMUM MARK: 60**

**SYLLABUS/COMPONENT: 0620/06**

**CHEMISTRY**  
**Alternative to Practical**





Page 2	Mark Scheme	Syllabus	Paper
	IGCSE – June 2004	0620	6

	(d) (i)	22°C	} No units only (1)	1	
		21°C		1	
	(ii)	Reference to room temperature/reaction finished		1	[3]
5	(a) (i)	White Precipitate		1	
				1	[2]
		No change/white precipitate/insoluble in excess		1	[1]
	(ii)	No/thin precipitate/no reaction		1	[1]
	(b)	Ammonia		1	[1]
	(c)	Reference to limewater/test for carbon dioxide		1	[1]
	(d)	Nitrate Alkali/hydroxide/oxide		1	
				1	[2]
6	(a)	Indication of copper oxide		1	[1]
	(b)	Black to red/pink/brown		1	
				1	[2]
	(c)	To cool/condense Steam/water		1	
				1	[2]
7	(a)	Anhydrous copper sulphate/cobalt chloride Goes blue/pink in water, no change for ethanol		1	
				1	[2]
	(b)	Add indicator/named indicator or CO <sub>3</sub> <sup>2-</sup> /Mg Turns red/correct colour in acid, no change for sodium sulphate		1	
				1	[2]
	(c)	Add silver nitrate White precipitate with hydrochloric acid, no change with nitric acid		1	
				1	[2]
8		Add known mass of manganese oxide		1	
		To (measured volume of) hydrogen peroxide		1	
		Bubbles		1	
		Test gas with glowing splint		1	
		Result		1	
		Filter		1	
		Dry solid		1	
		Reweigh and compare		1	
		<b>(max 6)</b>			[6]
				<b>Total for Paper</b>	<b>[60]</b>