

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 [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 [2]
6	(a) Indication of copper oxide		1 [1]
	(b) Black to red/pink/brown		1 [2]
	(c) To cool/condense Steam/water		1 [2]
7	(a) Anhydrous copper sulphate/cobalt chloride Goes blue/pink in water, no change for ethanol		1 [2]
	(b) Add indicator/named indicator or CO ₃ ²⁻ /Mg Turns red/correct colour in acid, no change for sodium sulphate		1 [2]
	(c) Add silver nitrate White precipitate with hydrochloric acid, no change with nitric acid		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
	(max 6)		[6]
Total for Paper			[60]