

**GCSE**

**Science: (Modular)**  
**Double Award and Chemistry**

**Module 05**

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**Metals : Foundation Tier**

Question No.	KEY
One	1 – iron 2 – waste gases 3 – slag 4 – molten iron
Two	1 – platinum 2 – magnesium 3 – chromium 4 – copper
Three	1 – hydrogen 2 – oxygen 3 – carbon dioxide 4 – water
Four	1 – sodium 2 – mercury 3 – tungsten 4 – iron
Five	1 – metal M 2 – metal N 3 – metal L 4 – metal K
Six	it can be hammered into shape it is an unreactive metal
Seven	aluminium oxide is obtained from bauxite positive aluminium ions move to the negative electrode
Eight	8.1 – B, 8.2 – D, 8.3 – A, 8.4 – D
Nine	9.1 – D, 9.2 – C, 9.3 – A, 9.4 – C
Ten	10.1 – D, 10.2 – A, 10.3 – D, 10.4 – C

**Metals : Higher Tier**

Question No.	KEY
One	1 – metal M 2 – metal N 3 – metal L 4 – metal K
Two	1 – L 2 – M 3 – N 4 – P
Three	aluminium oxide is obtained from bauxite positive aluminium ions move to the negative electrode
Four	aluminium is more reactive than iron iron oxide is reduced
Five	5.1 – B, 5.2 – D, 5.3 – A, 5.4 – D
Six	6.1 – D, 6.2 – C, 6.3 – A, 6.4 – C
Seven	7.1 – D, 7.2 – A, 7.3 – D, 7.4 – C
Eight	8.1 – B, 8.2 – C, 8.3 – A, 8.4 – B
Nine	9.1 – B, 9.2 – C, 9.3 – D, 9.4 – A
Ten	10.1 – C, 10.2 – C, 10.3 – D, 10.4 – C