

GCSE

Science (Modular) Double Award and Chemistry

Module 05

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Metals: Foundation Tier

Question No.	KEY
One	1 – cryolite 2 – haematite 3 – bauxite 4 – limestone
Two	1 – zinc 2 – carbon 3 – mercury 4 – hydrogen
Three	1 – ammonia 2 – argon 3 – oxygen 4 – hydrogen
Four	1 – L 2 – J 3 – K 4 – M
Five	1 – W 2 – X 3 – Y 4 – Z
Six	all Group 2 elements have similar properties vertical columns of elements are called Groups
Seven	they conduct heat and electricity they react with chlorine (a non-metal), to form ionic compounds
Eight	8.1 – D, 8.2 – B, 8.3 – B, 8.4 – A
Nine	9.1 – A, 9.2 – C, 9.3 – B, 9.4 – A
Ten	10.1 – C, 10.2 – D, 10.3 – C, 10.4 – D

Metals: Higher Tier

Question No.	KEY
One	1 – W 2 – X 3 – Y 4 – Z
Two	1 – ammonia 2 – hydrogen 3 – copper oxide 4 – ammonium sulphate
Three	they conduct heat and electricity they react with chlorine (a non-metal) to form ionic compounds
Four	iron rusts less quickly when attached to a more reactive metal iron rusts more quickly when attached to copper
Five	5.1 – D, 5.2 – B, 5.3 – B, 5.4 – A
Six	6.1 – A, 6.2 – C, 6.3 – B, 6.4 – A
Seven	7.1 – C, 7.2 – D, 7.3 – C, 7.4 – D
Eight	8.1 – A, 8.2 – D, 8.3 – A, 8.4 – B
Nine	9.1 – B, 9.2 – C, 9.3 – C, 9.4 – C
Ten	10.1 – D, 10.2 – D, 10.3 – A, 10.4 – D