

GCSE

Science: (Modular)
Single Award

Module 15

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Materials & Reactions : Foundation Tier

Question No.	KEY
One	1 – hydrocarbons 2 – fractions 3 – molecules 4 – atoms
Two	1 – aqueous 2 – acidic 3 – alkaline 4 – neutral
Three	1 – oxygen 2 – carbon dioxide 3 – water (vapour) 4 – sulphur dioxide
Four	1 – copper 2 – tin 3 – sodium 4 – aluminium
Five	1 – limestone is quarried and powdered 2 – limestone is heated in a kiln 3 – carbon dioxide and quicklime are made 4 – quicklime is reacted with water
Six	L M
Seven	Q R
Eight	8.1 – A, 8.2 – D, 8.3 – C, 8.4 – D
Nine	9.1 – C, 9.2 – B, 9.3 – C, 9.4 – B
Ten	10.1 – B, 10.2 – B, 10.3 – B, 10.4 – B

Materials & Reactions : Higher Tier

Question No.	KEY
One	1 – limestone is quarried and powdered 2 – limestone is heated in a kiln 3 – carbon dioxide and quicklime are made 4 – quicklime is reacted with water
Two	1 – carbon monoxide 2 – copper 3 – iron sulphate 4 – carbon dioxide
Three	Q R
Four	it is a saturated hydrocarbon the carbon atoms are joined to the hydrogen atoms by single bonds
Five	5.1 – A, 5.2 – D, 5.3 – C, 5.4 – D
Six	6.1 – C, 6.2 – B, 6.3 – C, 6.4 – B
Seven	7.1 – B, 7.2 – B 7.3 – B 7.4 – B
Eight	8.1 – D, 8.2 – B, 8.3 – D, 8.4 – D
Nine	9.1 – D, 9.2 – B, 9.3 – A, 9.4 – A
Ten	10.1 – B, 10.2 – A, 10.3 – B, 10.4 – D