

GCSE

Science: (Modular)
Chemistry

Module 21

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Aqueous & Organic Chemistry : Foundation Tier

Question No.	KEY
One	1 – carbon dioxide 2 – hydrogen 3 – carbon 4 – carbon monoxide
Two	1 – oxygen 2 – carbon dioxide 3 – calcium sulphate 4 – chlorine
Three	1 – potassium hydroxide solution 2 – dilute nitric acid 3 – ammonia solution 4 – dilute ethanoic acid
Four	1 – water 2 – ethanol 3 – calcium sulphate 4 – chlorine
Five	1 – iron chloride 2 – sulphuric acid 3 – lead sulphate 4 – nitric acid
Six	ethanol and carbon dioxide are made in the reaction the fermentation lock stops air from entering the reaction vessel
Seven	J K
Eight	8.1 – C, 8.2 – A, 8.3 – C, 8.4 – B
Nine	9.1 – D, 9.2 – D, 9.3 – A, 9.4 – C
Ten	10.1 – C, 10.2 – B, 10.3 – A, 10.4 – C

Aqueous & Organic Chemistry : Higher Tier

Question No.	KEY
One	1 – iron chloride 2 – sulphuric acid 3 – lead sulphate 4 – nitric acid
Two	1 – cholesterol 2 – pentane 3 – vitamin C 4 – ethyl ethanoate
Three	J K
Four	Q R
Five	5.1 – C, 5.2 – A, 5.3 – C, 5.4 – B
Six	6.1 – D, 6.2 – D, 6.3 – A, 6.4 – C
Seven	7.1 – C, 7.2 – B, 7.3 – A, 7.4 – C
Eight	8.1 – C, 8.2 – D, 8.3 – B, 8.4 – B
Nine	9.1 – B, 9.2 – C, 9.3 – D, 9.4 – B
Ten	10.1 – C, 10.2 – A, 10.3 – A, 10.4 – B