



ASSESSMENT and
QUALIFICATIONS
ALLIANCE

Mark scheme
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GCSE

Chemistry (Modular)

Module 21

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Aqueous and Organic Chemistry: Foundation Tier

Question	Key
One	1 – carbon dioxide 2 – hydrogen 3 – carbon 4 – carbon monoxide
Two	1 – strong alkali 2 – strong acid 3 – weak alkali 4 – weak acid
Three	1 – ammonium nitrate 2 – oxygen 3 – carbon dioxide 4 – chlorine
Four	1 – K 2 – L 3 – N 4 – M
Five	1 – sugar 2 – enzyme 3 – carbon dioxide 4 – ethanol
Six	rain is produced when water vapour in clouds cools and condenses water in lakes is evaporated by heat from the Sun
Seven	Q S
Eight	8.1 – B, 8.2 – A, 8.3 – B, 8.4 – B
Nine	9.1 – D, 9.2 – D, 9.3 – B, 9.4 – B
Ten	10.1 – B, 10.2 – D, 10.3 – B, 10.4 – D

Aqueous and Organic Chemistry: Higher Tier

Question	Key
One	1 – sugar 2 – enzyme 3 – carbon dioxide 4 – ethanol
Two	1 – vitamin C 2 – cholesterol 3 – pentane 4 – ethyl ethanoate
Three	Q S
Four	it can be remoulded after heating its molecules have long chains of covalently bonded atoms
Five	5.1 – B, 5.2 – A, 5.3 – B, 5.4 – B
Six	6.1 – D, 6.2 – D, 6.3 – B, 6.4 – B
Seven	7.1 – B, 7.2 – D, 7.3 – B, 7.4 – D
Eight	8.1 – B, 8.2 – C, 8.3 – D, 8.4 – B
Nine	9.1 – C, 9.2 – C, 9.3 – A, 9.4 – B
Ten	10.1 – C, 10.2 – C, 10.3 – C, 10.4 – C