

## GCSE

### Science (Modular) Double Award and Chemistry

## Module 06

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**Earth Materials: Foundation Tier**

Question No.	KEY
One	1 – sulphur dioxide 2 – nitrogen 3 – air 4 – carbon
Two	1 – mantle 2 – lithosphere 3 – core 4 – atmosphere
Three	1 – limestone 2 – slaked lime 3 – quicklime 4 – soda
Four	1 – neutralisation 2 – decomposition 3 – condensation 4 – evaporation
Five	1 – Q 2 – R 3 – P 4 – S
Six	South America and Africa have slowly moved apart tectonic plates move at relative speeds of a few centimetres per year
Seven	folded and faulted rocks are evidence that the Earth's crust is unstable ripple marks in sedimentary rocks were formed by waves or currents
Eight	8.1 – D, 8.2 – C, 8.3 – B, 8.4 – D
Nine	9.1 – C, 9.2 – A, 9.3 – B, 9.4 – C
Ten	10.1 – B, 10.2 – D, 10.3 – A, 10.4 – C

**Earth Materials: Higher Tier**

Question No.	KEY
One	1 – Q 2 – R 3 – P 4 – S
Two	1 – methane, (CH <sub>4</sub> ) 2 – ozone, (O <sub>3</sub> ) 3 – carbon dioxide, (CO <sub>2</sub> ) 4 – ethane, (C <sub>2</sub> H <sub>4</sub> )
Three	folded and faulted rocks are evidence that the Earth's crust is unstable ripple marks in sedimentary rocks were formed by waves or currents
Four	it is a saturated compound the carbon-carbon bonds are covalent bonds
Five	5.1 – D, 5.2 – C, 5.3 – B, 5.4 – D
Six	6.1 – C, 6.2 – A, 6.3 – B, 6.4 – C
Seven	7.1 – B, 7.2 – D, 7.3 – A, 7.4 – C
Eight	8.1 – C, 8.2 – D, 8.3 – B, 8.4 – D
Nine	9.1 – C, 9.2 – B, 9.3 – C, 9.4 – B
Ten	10.1 – A, 10.2 – B, 10.3 – D, 10.4 – B