

GCSE

Science: (Modular)
Double Award and Chemistry

Module 06

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Earth Materials : Foundation Tier

Question No.	KEY
One	1 – atmosphere 2 – crust 3 – mantle 4 – core
Two	1 – calcium carbonate 2 – carbon dioxide 3 – calcium oxide 4 – calcium hydroxide
Three	1 – tilted 2 – turned upside down 3 – faulted 4 – folded
Four	1 – hydrocarbons are heated 2 – hydrocarbons vaporise 3 – thermal decomposition occurs 4 – hydrocarbons with small molecules
Five	1 – thermal decomposition 2 – burning 3 – distillation 4 – condensation
Six	limestone and substance M react when they are heated together substance M is clay
Seven	petrol ignites more easily than diesel oil the boiling point of diesel oil is higher than the boiling point of petrol
Eight	8.1 – D, 8.2 – C, 8.3 – B, 8.4 – B
Nine	9.1 – A, 9.2 – A, 9.3 – B, 9.4 – D
Ten	10.1 – A, 10.2 – D, 10.3 – B, 10.4 – C

Earth Materials : Higher Tier

Question No.	KEY
One	1 – thermal decomposition 2 – burning 3 – distillation 4 – condensation
Two	1 – L 2 – J 3 – K 4 – M
Three	petrol ignites more easily than diesel oil the boiling point of diesel oil is higher than the boiling point of petrol
Four	they are found parallel to oceanic ridges they are recorded by iron-rich minerals in the rocks
Five	5.1 – D, 5.2 – C, 5.3 – B, 5.4 – B
Six	6.1 – A, 6.2 – A, 6.3 – B, 6.4 – D
Seven	7.1 – A, 7.2 – D, 7.3 – B, 7.4 – C
Eight	8.1 – A, 8.2 – C, 8.3 – C, 8.4 – B
Nine	9.1 – D, 9.2 – D, 9.3 – A, 9.4 – A
Ten	10.1 – C, 10.2 – D, 10.3 – C, 10.4 – B