



	bio ethanol produces 29 kJ		
(b)(ii)	<p>any two from:</p> <ul style="list-style-type: none"> <li>hydrogen produces only H<sub>2</sub>O</li> <li>coal produces SO<sub>2</sub></li> <li>coal produces smoke</li> <li>both renewable and nonrenewable fuels produce CO<sub>2</sub></li> <li>(both) the non-renewable fuels produce CO<sub>2</sub></li> <li>(both) renewable fuels produce no smoke</li> <li>(both) renewable fuels produce no SO<sub>2</sub></li> </ul>	<p>ignore incorrect / correct</p> <p>accept hydrogen does not produce harmful gases / CO<sub>2</sub> / SO<sub>2</sub></p> <p>allow coal causes acid rain / respiratory problems</p> <p>allow coal causes global dimming</p> <p>accept bio ethanol and natural gas / coal produce CO<sub>2</sub> / global warming</p> <p>accept coal and natural gas produce CO<sub>2</sub> / global warming</p> <p>accept hydrogen and bio ethanol do not produce smoke / global dimming</p> <p>accept hydrogen and bio ethanol do not produce SO<sub>2</sub> / acid rain</p>	2
Total marks			8

### Question 2

Questions	Answers	Extra information	Marks
(i)	contains a carbon-carbon double bond		1
(ii)	orange		1
(iii)	decolourised		1
Total marks			3