### Grade Nine Guides

# ECSE CHEWISTRY

Paper 2
Using Resources
EXAM QUESTIONS

Exam questions per topic



Aiming at grade 8/9

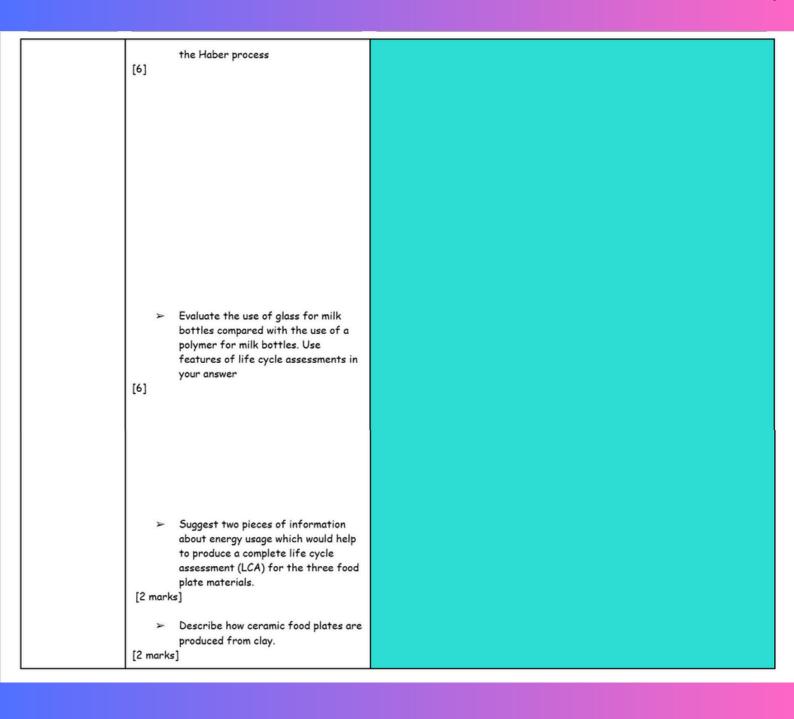
### Answers in No Waffle GCSE videos:)

Using resources	how can water be tested to show that it is pure [2]	
	<ul> <li>Hydrous copper sulphate must be heated all the time for the reaction to work what type of reaction is this</li> <li>Anhydrous copper sulphate can be used to test for water, what two things will happen when water is added</li> </ul>	
	<ul> <li>State one advantage of adding fluorine to water</li> <li>how can a student show the filtered water contain dissolved salts without using a chemical test</li> </ul>	
	explain why water for drinking is sterilised and Explain why water for	

### Answers in No Waffle GCSE videos:)

drinking is sterilised and filtered[2]  What are the two main steps to treat water from reservoirs  [3]  Describe how sewage is treated to	
remove organic matter  [4]  Explain why the groundwater requires	
UV light exposure before the water is safe to drink  [2]  Suggest what is meant by pure water	
<ul> <li>What is in water philtres to remove the hardness from water</li> <li>Why is distillation not an economic method of drinking water</li> <li>State one benefit of drinking hard water</li> </ul>	
<ul> <li>Required practical: water purification part a analysing water sample</li> </ul>	
part b: Purifying water with distillation	
<ul> <li>Explain how potable water is produced from fresh water</li> <li>[4 marks]</li> </ul>	
<ul> <li>Evaluate 2 methods for producing a large mass of ammonia sulphate</li> <li>Explain how the ammonia produced is separated from the unreacted nitrogen and hydrogen</li> </ul>	
[2]  Temperature of 450 degrees, pressure of 200 atmospheres, the presence of an iron catalyst. Explain why these conditions are chosen for economical production of ammonia in	

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