AQA, OCR, Edexcel

## **GCSE Science**

## **GCSE Chemistry**

Chemical Bonds- Covalent Questions



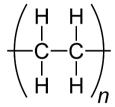
Total Marks: /16

Chemical bonds					
Covalent bonding					
Q1: What is a covalent bond?					
					(1 mark)
Q2: Mark on the line the strength of the bond.					
Weak	Medium			Strong	
				Juong	(1 mark)
Q3: What is the name of a large repeating mole	cule consisting of	covalent	bonds?		
O4. Cites are assemble of a large accordant structure					(1 mark)
Q4: Give an example of a large covalent structure	re.				
Q5: Ammonia exists as one nitrogen atom and t	hree hydrogen ato	oms ioine	ed by cova		(1 mark) nds
(NH <sub>3</sub> ). Complete the ammonia diagrams.		onio joine	a by cove		1103
a)	b)				
(H) N (H)		Н	Ν	Н	
			1		
<b>→</b>			'		
П					
					(4 marks)

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Q6: What does this diagram represent?



(1 mark)

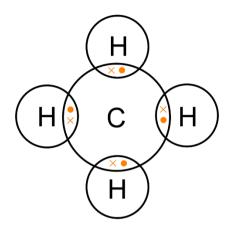
Q7: Draw a dot and cross diagram for the following molecules

- a) Hydrogen
- b) Water
- c) Methane

(6 marks)

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Q7: State the molecular formula for the following diagram.



(1 mark)