

A2 Unit F334: Chemistry of Materials

Topic 3: What's in a medicine? (date)

A study of medicines such as aspirin, their development, chemistry and synthesis, illustrating some of the features of the pharmaceutical industry. The chemical ideas in this module are:

- Homolytic and heterolytic acids, bases, coloured compounds
- Acid-base reactions
- Medicines: manufacture and testing
- IR spectroscopy and mass spectroscopy

Topic	Alt code	Number	Assessable learning outcomes	Number of questions	OSP A2 Revision guide (Page number)	Chemical changes (Page number)	Chemical ideas (Page number)
Equilibria		10401	Describe acids in terms of the Brønsted-Lowry theory as proton donors, and bases as proton acceptors	1	1		100
		10402	Identify the proton donor and proton acceptor in an acid-base reaction	1	1		100
Bonding and structure	11.1.0	10403	Draw and interpret simple electron-dot-and-cross diagrams to show how atoms (bond through one, covalent and three covalent bonds)	2	1.0		101-12
	11.1.0a	10404	Describe a simple model of metallic bonding		1		41
	12.1.0	10405	Use the electron-dot-repulsion principle to predict and explain the shapes of simple molecules (such as CH ₄ , NH ₃ , H ₂ O and HF) and ions (such as NH ₄ ⁺) with up to six outer pairs of electrons. (any combination of bonding pairs and lone pairs (no treatment of hybridisation or molecular orbitals is expected))	1	1		101-105

2014 Ocr F334 Chemistry Unofficial Marks Scheme

Judd E. Hollander



2014 Ocr F334 Chemistry Unofficial Marks Scheme:

Unveiling the Magic of Words: A Review of "**2014 Ocr F334 Chemistry Unofficial Marks Scheme**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**2014 Ocr F334 Chemistry Unofficial Marks Scheme**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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$\omega^2 \pi r^2 z_0$ where ω is the rotating speed in frequency units $1/s$ as $u_x u_y$ where x, y, i understand is applying the magnitude of the u vector at every point of the domain as the

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