

Module 7 Organic Chemistry - Portage Learning Chem 121

organic chemistry

study of all compounds containing carbon

Hydrocarbons

the simplest organic materials, containing only the elements hydrogen and carbon

aliphatic hydrocarbon

A hydrocarbon with carbon atoms joined together in straight or branched chains. Not aromatic.

aromatic hydrocarbons

hydrocarbons that contain one or more benzene rings

3 types of aliphatic hydrocarbons

alkanes - these have their carbons arranged in chains or rings and contain only C-C single bonds

alkenes - these have their carbons arranged in chains or rings and contain at least one C=C double bond

alkynes - these have their carbons arranged in chains or rings and contain at least one C≡C triple bond

Alkanes are

the simplest of the hydrocarbons, having the general formula C_nH_{2n+2} , where n is the number of carbon atoms

saturated hydrocarbons

hydrocarbons that contain only single bonds between carbon atoms / the simplest class of hydrocarbons / each carbon atom is bonded to as many hydrogen atoms as possible

alkane nomenclature

1-meth

2-eth

3-prop

4-but

5-pent

6-hex

7-hept

8-oct

9-non

10-dec

end with -ane

organic compound

Answers For Module 14 Of Chemistry

Partha Basu, Mitchell Johnson



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AS Chemistry for AQA John Atkinson, Carol Hibbert, 2000 This chemistry text is written to match exactly the specification for teaching Advanced Chemistry from September 2000 There are two strands AS and A2 with student books The accompanying resource packs are also available on CD ROM **Chemistry** James N. Spencer, George M. Bodner, Lyman H. Rickard, 2010-12-28 **CHEMISTRY** **Revise As and A2 - Chemistry** Rob Ritchie, 2008-10 Revise AS A2 Chemistry gives complete study support throughout the two A Level years This Study Guide matches the curriculum content and provides in depth course coverage plus invaluable advice on how to get the best results in the exams **Engineering Chemistry** Thakur Publication, 2021-06-03 Buy Solved Series of Engineering Chemistry E Book for B Tech I II Semester Students Common to All of APJ Abdul Kalam Technological University KTU Kerala **Nelson Modular Science** Paul Collinson, Paul Collison, 2005-03 The Nelson Modular Science series is made up of three books divided into single double and triple award modules presented in an accessible format Book 1 covers the six single award and one coursework modules Book 2 contains six double award modules and Book 3 covers the six triple award modules Each module is covered in self contained units This teacher s file includes practical support sheets and addresses Sc1 investigations Works sheets are provided to integrate the use of ICT throughout science Additional GCSE style questions and modular tests should enhance learning and recall of information **Resources in Education** ,1997 **Revise AS Chemistry for OCR A** Lord Eccles, Helen Eccles, 2005-03-29 We have had lots of students contacting us to say how useful they ve found this series of revision guides So why have they found them so valuable Students know just what they need to revise for each exam because each guide matches the specification exactly Information is presented in a straightforward user friendly way Content is organised into double page spreads to make revision more manageable Short questions at the end of each section really make students stop and think about the topic Tips on common pitfalls and advice on how to tackle different types of exam question and exam preparation Practice exam style questions are included at the end of each module The answers to all questions are in the back of the books so students can work on their own **Revise for Edexcel Modular Science** Graham Booth, 2002 An exact match to the structure and content of the new Edexcel Modular specification Prepare your students for both the end of module tests and the terminal exams Provide lots of exam style questions to make sure students get plenty of practice Offer hints and tips to help students prepare for their terminal exams **Revise AS Chemistry for Salters (OCR)** Ann Daniels, 2005-02-22 Help students pull together the chemical ideas in the course and apply them to fresh contexts in exam questions

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