

CHAPTER 21 STUDY GUIDE

Hydrocarbons

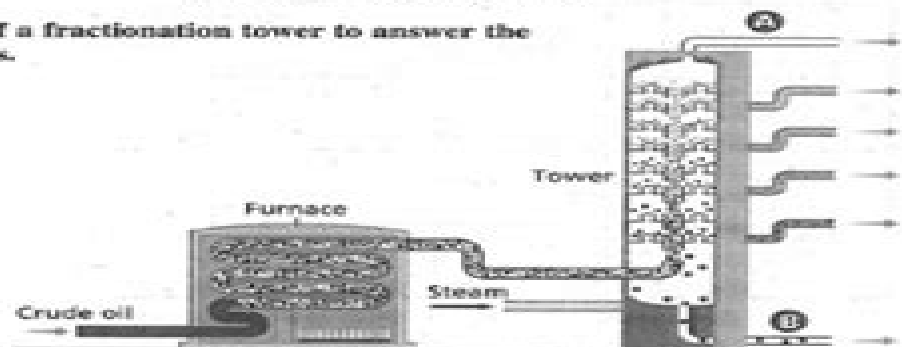
Section 21.1 Introduction to Hydrocarbons

In your textbook, read about natural sources of hydrocarbons and rating gasolines.

In the space at the left, write the word or phrase in parentheses that correctly completes the statement.

- _____ 1. (Petroleum, Natural gas) is a mixture of thousands of organic compounds.
- _____ 2. The boiling of petroleum and collection of its components is called (sedimentation, fractional distillation).
- _____ 3. In the process known as (cracking, knocking), heavier petroleum fractions are converted to gasoline by breaking their large molecules into smaller ones.
- _____ 4. A gasoline's ability to burn evenly and prevent knocking is expressed by its (hexane, octane) rating.

Use the diagram of a fractionation tower to answer the following questions.



5. How does the temperature inside the tower vary from bottom to top? _____
6. In what physical state is the material collected from pipe A? _____
7. What is the material collected from pipe A used for? _____
8. What is the material collected from pipe B used for? _____
9. Which pipe, A or B, collects hydrocarbons with higher boiling points? _____
10. Which pipe, A or B, collects smaller hydrocarbons? _____

Hydrocarbons Compounds Study Guide Answers

Robert J. Ouellette, J. David Rawn



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concept summaries for every chapter reinforces core content from the companion book **Study Guide with Selected Solutions** Karen Timberlake, 2002-08-06 Written by the author the Study Guide is keyed to the learning goals in the text and designed to promote active learning through a variety of exercises with answers and mastery exams Also contains complete solutions to odd numbered problems **"O" Level Study Guide - Chemistry Quite Easily Done , Arihant CBSE Science Term 2 Class 10 for 2022 Exam (Cover Theory and MCQs)** Naman jain, Jyoti Agarwal, Anam Aarzo, 2021-11-20 With newly introduced 2 Term Examination Pattern CBSE has eased out the pressure of preparation of subjects and cope up with lengthy syllabus Introducing Arihant s CBSE TERM II 2022 Series the first of its kind that gives complete emphasize on the rationalize syllabus of Class 10th 12th The all new CBSE Term II 2022 Science of Class 10th provides explanation and guidance to the syllabus required to study efficiently and succeed in the exams The book provides topical coverage of all the chapters in a complete and comprehensive manner Covering the 50% of syllabus as per Latest Term wise pattern 2021 22 this book consists of 1 Complete Theory in each Chapter covering all topics 2 Case Based Short and Long Answer Type Question in each chapter 3 Coverage of NCERT NCERT Exemplar Board Exams Questions 4 Complete and Detailed explanations for each question 5 3 Practice papers base on entire Term II Syllabus Table of Content Carbon and its compounds Periodic Classification of Elements How do Organisms Reproduce Heredity and Evolution Electricity Magnetic Effects and Electric Current Our Environment Practice Paper 1 3 **Study Material Based On NCERT Science Class- X** Dr. Sunita Bhagiya, ,Er. Meera Goyal, 2021-11-26 1 Chemical Reaction And Equations 2 Acids based and Salts 3 Metals and Non Metals 4 Carbon and Its Compounds 5 Periodic Classification of elements 6 Life Processes 7 Control and Coordination 8 How do Organisms Reproduce 9 Heredity and Evolution 10 Light Reflection and Refraction 11 The Human Eye and the Colourful World 12 Electricity 13 Magnetic Effects of Electric Current 14 Sources of Energy 15 Our Environment 16 Sustainable Management of Natural Resoures Practical Project Appendix Answer Sheet Examination Paper *Class 10 Chemistry Questions and Answers PDF* Arshad Iqbal, The Class 10 Chemistry Quiz Questions and Answers PDF Grade 10 Chemistry Competitive Exam Questions Chapter 1 10 Practice Tests Class 10 Chemistry Textbook Questions for Beginners includes revision guide for problem solving with hundreds of solved questions Class 10 Chemistry Questions and Answers PDF book covers basic concepts analytical and practical assessment tests Class 10 Chemistry Quiz PDF book helps to practice test questions from exam prep notes The Grade 10 Chemistry Quiz Questions and Answers PDF eBook includes revision guide with verbal quantitative and analytical past papers solved tests Class 10 Chemistry Questions and Answers PDF Free download chapter 1 a book covers solved common questions and answers on chapters Acids bases and salts biochemistry characteristics of acids bases and salts chemical equilibrium chemical industries environmental chemistry atmosphere water hydrocarbons and organic chemistry tests for school and college revision guide Chemistry Interview Questions and Answers PDF Download free eBook s sample covers beginner s solved questions textbook s study notes to

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