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## PHYSICAL SCIENCES PAPER 2 (CHEMISTRY)

GRADE 12

### TERMS & DEFINITIONS, QUESTIONS & ANSWERS PER TOPIC

2021



#### TABLE OF CONTENTS



HOW TO USE THIS DOCUMENT .....	2
TERMS AND DEFINITIONS .....	3
QUESTIONS .....	9
ORGANIC MOLECULES: NOMENCLATURE .....	9
ORGANIC MOLECULES: PHYSICAL PROPERTIES .....	17
ORGANIC MOLECULES: ORGANIC REACTIONS .....	24
REACTION RATE AND ENERGY IN CHEMICAL REACTIONS .....	31
CHEMICAL EQUILIBRIUM .....	42
ACIDS AND BASES .....	49
GALVANIC CELLS .....	56
ELECTROLYTIC CELLS .....	63
ANSWERS TO QUESTIONS .....	69
ORGANIC MOLECULES: NOMENCLATURE .....	69
ORGANIC MOLECULES: PHYSICAL PROPERTIES .....	74
ORGANIC MOLECULES: ORGANIC REACTIONS .....	80
REACTION RATE AND ENERGY IN CHEMICAL REACTIONS .....	86
CHEMICAL EQUILIBRIUM .....	95
ACIDS AND BASES .....	107
GALVANIC CELLS .....	114
ELECTROLYTIC CELLS .....	117
BIBLIOGRAPHY .....	119



# September Paper 2 Physical Science

**G Kelville Davis**



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Oxford University Gazette University of Oxford,1929      *Glasgow University Calendar* University of Glasgow,1926  
*Calendar* University of St. Andrews,1927      **The Andhra Pradesh Gazette** Andhra Pradesh (India),1963      **Fort Saint George Gazette** Madras (India : State),1964      **The Glasgow University Calendar** University of Glasgow,1927  
*University of Glasgow Calendar* University of Glasgow,1929      *Chemical News and Journal of Physical Science* ,1879  
**The Chemical News and Journal of Physical Science** ,1907      **Selected Correspondence of William Huggins Vol 2** Barbara J Becker,2024-10-28 William Huggins 1824 1910 was celebrated in his lifetime as the father of astrophysics The letters and observatory notebooks contained in this edition allow Huggins important role in the development of astrophysics to fully emerge Material comes from archives around the world and is previously unpublished      Chemical News and Journal of Physical Science William Crookes,James H. Gardiner,Gerald Druce,H. W. Blood-Ryan,1905      *Science Information News* ,1961      **Scientific Information Notes** ,1961      *The Pedagogy of Physical Science* David Heywood,Joan Parker,2009-12-16 In the science classroom there are some ideas that are as difficult for young students to grasp as they are for teachers to explain Forces electricity light and basic astronomy are all examples of conceptual domains that come into this category How should a teacher teach them The authors of this monograph reject the traditional separation of subject and pedagogic knowledge They believe that to develop effective teaching for meaningful learning in science we must identify how teachers themselves interpret difficult ideas in science and in particular what supports their own learning in coming to a professional understanding of how to teach science concepts to young children To do so they analyzed trainee and practising teachers responses to engaging with difficult ideas when learning science in higher education settings The text demonstrates how professional insight emerges as teachers identify the elements that supported their understanding during their own learning In this paradigm professional awareness derives from the practitioner interrogating their own learning and identifying implications for their teaching of science The book draws on a significant body of critically analysed empirical evidence collated and documented over a five year period involving large numbers of trainee and practising teachers It concludes that it is essential to problematize subject knowledge both for learner and teacher The book s theoretical perspective draws on the field of cognitive psychology in learning In particular the role of metacognition and cognitive conflict in learning are examined and subsequently applied in a range of contexts The work offers a unique and refreshing approach in addressing the important professional dimension of supporting teacher understanding of pedagogy and critically examines assumptions in contemporary debates about constructivism in science education      **The First Atomic Age** Matthew Lavine,2013-06-05 At the close of the 19th century strange new forms of energy arrested the American public s attention in ways that no scientific discovery ever had before This groundbreaking cultural history tells the story of the first nuclear culture one whose lasting effects would be seen in the familiar atomic age

of the post war twentieth century      **The Chemical Trade Journal and Chemical Engineer** G Kelville Davis,1924      *The Chemical Trade Journal and Chemical Engineer* ,1924      **The Electrical Review** ,1928      **The Telegraphic Journal and Electrical Review** ,1885      **THE CHEMICAL NEWS AND JOURNAL OF PHYSICAL SCIENCE.** WILLIAM CROOKES, F. R. S., &c.,1880

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## **Table of Contents September Paper 2 Physical Science**

1. Understanding the eBook September Paper 2 Physical Science
  - The Rise of Digital Reading September Paper 2 Physical Science
  - Advantages of eBooks Over Traditional Books
2. Identifying September Paper 2 Physical Science
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an September Paper 2 Physical Science
  - User-Friendly Interface
4. Exploring eBook Recommendations from September Paper 2 Physical Science

- Personalized Recommendations
- September Paper 2 Physical Science User Reviews and Ratings
- September Paper 2 Physical Science and Bestseller Lists
- 5. Accessing September Paper 2 Physical Science Free and Paid eBooks
  - September Paper 2 Physical Science Public Domain eBooks
  - September Paper 2 Physical Science eBook Subscription Services
  - September Paper 2 Physical Science Budget-Friendly Options
- 6. Navigating September Paper 2 Physical Science eBook Formats
  - ePub, PDF, MOBI, and More
  - September Paper 2 Physical Science Compatibility with Devices
  - September Paper 2 Physical Science Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of September Paper 2 Physical Science
  - Highlighting and Note-Taking September Paper 2 Physical Science
  - Interactive Elements September Paper 2 Physical Science
- 8. Staying Engaged with September Paper 2 Physical Science
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers September Paper 2 Physical Science
- 9. Balancing eBooks and Physical Books September Paper 2 Physical Science
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection September Paper 2 Physical Science
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine September Paper 2 Physical Science
  - Setting Reading Goals September Paper 2 Physical Science
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of September Paper 2 Physical Science

- Fact-Checking eBook Content of September Paper 2 Physical Science
- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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