

# IB CHEMISTRY NOTES

200+ handwritten pages

**Electron shells**

- arrangement order of ionisation, lowest number = 1
- $1s, 2s, 2p$  electrons following basic rule: lowest energy level, highest probability, 2, 8, 18, 32, 50, 72
- **penetration** (electrons can't be ionised) (order of 1st 3)
  - greatest: s-orbitals, as they're the first principal quantum number,  $n=1$
  - 2nd: less highest, d-orbitals (energy levels, increase of shell)

**Group numbers**

→ no more electronic properties

→ **transition elements**

**Electron configuration and ionisation**

- greatest: most stable, **ionisation** (order of 1st 3)
- **ionisation** (order of 1st 3)

**Electron configuration**

- **electron configuration** (order of 1st 3)
- **electron configuration** (order of 1st 3)

**Electron shells and ionisation**

**Electron shells**

Electron shells of ionisation energy

**Electron shells and ionisation**

Electron shells and ionisation energy

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Electron shells and ionisation energy

**Electron shells and ionisation**

Electron shells and ionisation energy

**Electron shells and ionisation**

**Electron shells and ionisation**

Electron shells and ionisation energy

**Electron shells and ionisation**

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**Electron shells and ionisation**

Electron shells and ionisation energy

**Electron shells and ionisation**

Electron shells and ionisation energy

**Electron shells and ionisation**

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# Chemistry Sl Study Guide Ib

**Cameron Lumsden**



## **Chemistry SL Study Guide Ib:**

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**Chemistry HL/SL**, 2016 Learning and Understanding National Research Council, Division of Behavioral and Social Sciences and Education, Center for Education, Committee on Programs for Advanced Study of Mathematics and Science in American High Schools, 2002-09-06 This book takes a fresh look at programs for advanced studies for high school students in the United States with a particular focus on the Advanced Placement and the International Baccalaureate programs and asks how advanced studies can be significantly improved in general It also examines two of the core issues surrounding these programs they can have a profound impact on other components of the education system and participation in the programs has become key to admission at selective institutions of higher education By looking at what could enhance the quality of

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## **Table of Contents Chemistry Sl Study Guide Ib**

1. Understanding the eBook Chemistry Sl Study Guide Ib
  - The Rise of Digital Reading Chemistry Sl Study Guide Ib
  - Advantages of eBooks Over Traditional Books
2. Identifying Chemistry Sl Study Guide Ib
  - 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 Chemistry Sl Study Guide Ib
  - User-Friendly Interface
4. Exploring eBook Recommendations from Chemistry Sl Study Guide Ib
  - Personalized Recommendations
  - Chemistry Sl Study Guide Ib User Reviews and Ratings
  - Chemistry Sl Study Guide Ib and Bestseller Lists
5. Accessing Chemistry Sl Study Guide Ib Free and Paid eBooks

- Chemistry Sl Study Guide Ib Public Domain eBooks
  - Chemistry Sl Study Guide Ib eBook Subscription Services
  - Chemistry Sl Study Guide Ib Budget-Friendly Options
6. Navigating Chemistry Sl Study Guide Ib eBook Formats
- ePub, PDF, MOBI, and More
  - Chemistry Sl Study Guide Ib Compatibility with Devices
  - Chemistry Sl Study Guide Ib Enhanced eBook Features
7. Enhancing Your Reading Experience
- Adjustable Fonts and Text Sizes of Chemistry Sl Study Guide Ib
  - Highlighting and Note-Taking Chemistry Sl Study Guide Ib
  - Interactive Elements Chemistry Sl Study Guide Ib
8. Staying Engaged with Chemistry Sl Study Guide Ib
- Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Chemistry Sl Study Guide Ib
9. Balancing eBooks and Physical Books Chemistry Sl Study Guide Ib
- Benefits of a Digital Library
  - Creating a Diverse Reading Collection Chemistry Sl Study Guide Ib
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Chemistry Sl Study Guide Ib
- Setting Reading Goals Chemistry Sl Study Guide Ib
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Chemistry Sl Study Guide Ib
- Fact-Checking eBook Content of Chemistry Sl Study Guide Ib
  - 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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