

Marker Code

Student Personal Identification  
Number (SPIN)

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**Pacific Senior Secondary Certificate**  
**CHEMISTRY**  
**2011**

**QUESTION AND ANSWER BOOKLET**

Time allowed: 3 hours

1. This Examination Paper consists of TWO sections. **ATTEMPT ALL QUESTIONS.**

		MARKS	TIME
<b>SECTION A</b>	Multiple Choice Questions	40	36 mins
<b>SECTION B</b>	Q21: Atomic Structure and Bonding	25	22 mins
	Q22: Quantitative Chemistry	28	24 mins
	Q23: Organic Chemistry	20	18 mins
	Q24: More Organic Chemistry	20	18 mins
	Q25: Inorganic Chemistry	21	20 mins
	Q26: Oxidation and Reduction	25	22 mins
	Q27: Principles of Physical Chemistry	21	20 mins
<b>TOTAL</b>		<b>200</b>	<b>180 mins</b>

2. Write your **Student Personal Identification Number (SPIN)** on the top right hand corner of this page and at the top of the **fold-out flap** on the last page.
3. Write all answers to the Multiple Choice questions on the answer sheet on the **FOLD-OUT FLAP** on the last page.
4. In **SECTION B**, write the answers to the questions in the spaces provided in this booklet.

A copy of the **Periodic Table of the Elements – Sheet No. 3/2** is provided.

**NOTE:** The symbol *M* is used for molar mass.

For example,  $M(\text{Na}) = 23 \text{ g mol}^{-1}$  and  $M(\text{CO}_2) = 44 \text{ g mol}^{-1}$

Check that this booklet contains pages 2-29 in the correct order and none of these pages is blank. Page 30 has been left blank deliberately.

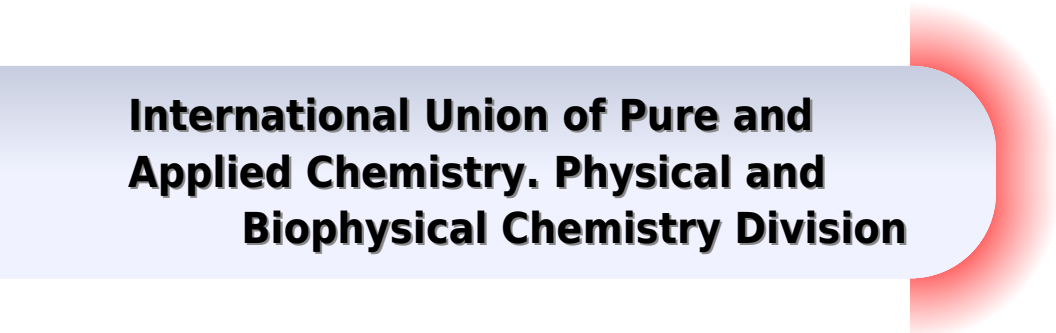
**YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.**

**TOTAL MARKS**

200

# **Caps Chemistry June Paper 2**

**International Union of Pure and  
Applied Chemistry. Physical and  
Biophysical Chemistry Division**



## Caps Chemistry June Paper 2

**Quantities, Units and Symbols in Physical Chemistry** International Union of Pure and Applied Chemistry. Physical and Biophysical Chemistry Division, 2007 Prepared by the IUPAC Physical Chemistry Division this definitive manual now in its third edition is designed to improve the exchange of scientific information among the readers in different disciplines and across different nations This book has been systematically brought up to date and new sections added to reflect the increasing volume of scientific literature and terminology and expressions being used The Third Edition reflects the experience of the contributors with the previous editions and the comments and feedback have been integrated into this essential resource This edition has been compiled in machine readable form and will be available online [The Merck Report](#) ,1897 [Chemical & Metallurgical Engineering](#) ,1920 *Transactions of the Pharmaceutical Meetings* ,1900 *Engineering* ,1902 **Bulletin of the Institute of Paper Chemistry** Institute of Paper Chemistry (Appleton, Wis.),1954 *Journal of the Society of Chemical Industry* ,1903 Lists of members for 1882 1903 issued in v 1 22 after which they were published separately wanting in v 6 and v 21 **Reports from the Director, Division of Chemistry** Canada. Experimental Farms Service,1911 **The Chemist Analyst** ,1952 **Chemical Abstracts** ,1922 **Catalogue of the Public Documents of the [the Fifty-third] Congress [to the 76th Congress] and of All Departments of the Government of the United States** United States. Superintendent of Documents,1896 **The Journal of Industrial and Engineering Chemistry** ,1913 **Official Gazette of the United States Patent Office** United States. Patent Office,1902 [Association Medical Journal](#) ,1905 *Selected Water Resources Abstracts* ,1988 [Chemist-analyst](#) ,1952-06 *Index of Trademarks Issued from the United States Patent Office* ,1936 *Journal of Industrial and Engineering Chemistry* ,1913 **Catalogue of the Public Documents of the ... Congress and of All Departments of the Government of the United States for the Period from ... to ...** United States. Superintendent of Documents, **Paper Trade Journal** ,1926

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the one case you thought most dramatic. Chapter 27: Bacteria and Archaea Genome. Membranes. Location of genome. Plasmids. Ribosomes. Page 3. AP Biology Reading Guide. Chapter 27: Bacteria and Archaea. Fred and Theresa Holtzclaw. Ap Biology Chapter 27 Reading Guide Answers - Fill Online ... Fill Ap Biology Chapter 27 Reading Guide Answers, Edit online. Sign, fax and printable from PC, iPad, tablet or mobile with pdfFiller  Instantly. Try Now! Chapter 27 Reading Guide Flashcards Study with Quizlet and memorize flashcards containing terms like Which two domains include prokaryote?, Are prokaryotes multicellular or unicellular?, ... AP Bio chapter 27 reading Guide Flashcards Study with Quizlet and memorize flashcards containing terms like What are the masters of adaptation ? What is one example?, Which two domains include ... AP Biology Reading Guide Chapter 51: Animal Behavior ... 27. This concept looks at some very interesting ways that genetic changes affect behavior. Several important case studies that show a genetic component to ... Campbell 8th Edition Reading Gui Campbell 8th edition Reading Guides Fred and Theresa Holtzclaw Campbell Biology 8th Edition Chapter ... Chapter 27 Prokaryotes · Chapter 45 Endocrine System. AP Biology Summer Assignment: 2016-2017 Begin your study of biology this year by reading Chapter 1. It will serve as ... AP Biology Reading Guide. Fred and Theresa Holtzclaw. Chapter 3: Water and the ... Campbell Biology Chapter 27 (powell\_h) Flashcards Study Campbell Biology Chapter 27 (powell\_h) flashcards taken from chapter 27 of the book Campbell Biology. Biology in Focus - Chapter 27 | PPT Apr 21, 2016 — Biology in Focus - Chapter 27 - Download as a PDF or view online for free.

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