

AN INVALUABLE STUDENT-TESTED STUDY AID, THIS PRIMER provides guided instruction to the analysis and interpretation of genetic principles and problem solving. Each section is introduced with a summary of key concepts and an overview of the topic with key terms. A series of problems, graded from simple to more complex, then allows students to test their understanding of the material. Each question and answer is provided with a detailed explanation. This new edition includes more problems, extensively expanded coverage of molecular biology, new "overview" chapters to give additional study hints and perspectives, crossword puzzles to test knowledge of terms, historical landmarks, and new reference tables.

Students at all levels, from beginning biologists to graduates seeking a review of basic genetics, will find this book to be a valuable aid. It will complement the formal presentation in any genetics textbook, or can stand alone as a review manual.

SPECIAL FEATURES OF THE BOOK

- Each unit, representing a major area of genetics, is introduced with a study hints section — a concise summary of pertinent concepts — and a list of important terms that the student is advised to master before tackling the problems.
- The problem sets clearly test a student's understanding of genetic principles. The problems range in difficulty from simple to very challenging.
- The answers that follow include an explanation of how to analyze and solve each problem.
- Crossword puzzles for each unit offer an entertaining way of testing knowledge of terms.
- Eleven practice tests and answers are designed in a typical classroom examination format.
- A glossary of genetic terms at the end of the book is available for easy reference

"...this is a clearly-written and well-organized book, which does an unassuming but important job."
Times Higher Educational Supplement

"It is a book well worth having access to...."
Trends in Genetics

"Any student dedicated enough to work through the problems is likely to benefit enormously and develop a greater conceptual understanding of genetics."
Animal Genetics

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