

# Unit 2-Genetics Study Guide-ANSWER KEY

My Test is on Friday, Dec 1, 2023

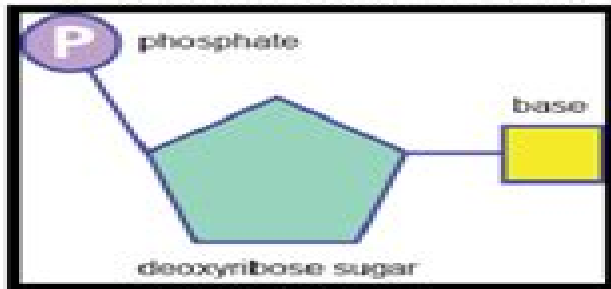
## ***I.*** DNA, Genes, and Chromosomes

1. What is DNA? **Instructions for an organism to grow and develop.**
2. What is a gene? **Section of DNA for a specific trait**
3. What is a chromosome? **Wound-up DNA**

## ***II.*** DNA Structure

1. What is the basic unit of DNA called? **Nucleotide**
2. What are the three parts of this basic unit?
  1. **ribose**
  2. **phosphate**
  3. **nitrogenous bases**

3. Draw this basic unit in the box below:



# Genetics Unit Study Guide Answer Key

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## **Genetics Unit Study Guide Answer Key:**

**Study Guide for Maternity & Women's Health Care - E-Book** Deitra Leonard Lowdermilk, Shannon E. Perry, Mary Catherine Cashion, Kathryn Rhodes Alden, 2015-01-29 Corresponding to the chapters in the 11th edition of Lowdermilk's market leading Maternity answers are included in the back of the book Chapter review activities assess the user's understanding of the content with fill in the blank matching multiple choice and short answer questions Critical thinking case studies require the user to apply the concepts found in the text chapters to solve problems make decisions concerning care management and provide responses to patient questions and concerns Answer key contains answers to all questions and is located at the end of the book Perforated pages allow instructors to utilize the Study Guide activities for assignments to be graded Study Guide Robert S. Feldman, 2002-06 **Study Guide and Solutions Manual** Bruce A. Chase, Peter J. Russell, 2005-06 This student resource contains chapter outlines of text material solutions to all end of chapter problems key terms suggestions for analytical approaches problem solving strategies and a variety of additional questions for student practice Also featured are questions that relate to chapter specific animations and iActivities **Basic Pharmacology for Nurses - E-Book** Michelle J. Willihnganz, Bruce D. Clayton, 2016-02-25 Known for its accurate up to date drug content and its practical application of the nursing process to drugs and disorders Clayton and Willihnganz's Basic Pharmacology for Nurses 17th Edition prepares you for safe medication administration Emphasizing the nurse's role clear guidelines cover safe drug handling types of drugs used for disorders or to affect body systems injection and enteral administration and patient education From a respected PharmD Nursing author team this full color text also provides an excellent review for the pharmacology questions on the NCLEX examination Current accurate content ensures that the most current drugs and treatment protocols are presented Application of the nursing process includes general principles of nursing care for each disorder along with nursing considerations for drug treatment plans An emphasis on safe drug handling and administration includes High Alert and Do Not Confuse icons as well as Medication Safety Alert boxes A focus on patient education and health promotion equips you for health teaching related to medications NCLEX preparation sections at the end of each chapter helps you get ready for pharmacology related questions on the NCLEX examination A study guide corresponds to the textbook and offers review questions and clinical scenarios to reinforce your understanding of nursing pharmacology Available separately UPDATED drug coverage includes the most recent FDA approvals withdrawals and therapeutic uses UPDATED guidelines cover injection and enteral medication administration with an emphasis on safe medication practice UPDATED treatment protocols include specific conditions such as asthma hyperlipidemia heart failure COPD and cancer NEW Objectives and key terms are listed at the beginning of each chapter making it easy to see chapter content at a glance Clayton's Basic Pharmacology for Nurses - E-Book Michelle J. Willihnganz, Samuel L. Gurevitz, Bruce D. Clayton, 2019-03-01 Master the basic principles of pharmacology and safe medication administration with Clayton's Basic

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Feldman,2003-08      Student Study Guide for Biology [by] Campbell/Reece Martha R. Taylor,2002 Marty Taylor Cornell University Provides a concept map of each chapter chapter summaries a variety of interactive questions and chapter tests

**Genetics** Peter J. Russell,1998 Containing updated information on molecular genetics Peter J Russell s text emphasises a problem solving approach that helps students to develop and apply their critical thinking and analysis skills      Study Guide [to] Microbiology, Principles & Applications, Third Edition [by] Jacquelyn G. Black Jacquelyn G. Black,George Allan

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learning more about genetics  
**Feldman** Carolyn J. Meyer, 2000

**Study Guide, Development Across the Life Span, Second Edition, Robert S.**

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