

Test Bank
by Robert McGehee and Brian Storrie
to accompany
The Cell: A Molecular Approach, Seventh Edition
Geoffrey M. Cooper and Robert E. Hausman

Chapter 4: Fundamentals of Molecular Biology

TEST FILE QUESTIONS

Multiple Choice

1. Gregor Mendel discovered the principles of genetics in his early experiments on
- peas.
 - fruit flies.
 - mice.
 - humans.

Answer: a

Textbook Reference: Heredity, Genes, and DNA

Bloom's Category: 1. Remembering

2. During formation of eggs and sperm, one member of each chromosome pair is transmitted to each progeny cell in a type of cell division called
- mitosis.
 - gametogenesis.
 - cytokinesis.
 - meiosis.

Answer: d

Textbook Reference: Heredity, Genes, and DNA

Bloom's Category: 2. Understanding

3. Animal cells and most cells of higher plants are
- haploid.
 - diploid.
 - euploid.
 - tetraploid.

Answer: b

Textbook Reference: Heredity, Genes, and DNA

Bloom's Category: 1. Remembering

4. Eggs and sperm are
- haploid.
 - diploid.
 - euploid.
 - tetraploid.

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McKeague



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Table of Contents Test Bank To Accompany Basic Mathematics You Can Count On Yourself

1. Understanding the eBook Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - The Rise of Digital Reading Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Advantages of eBooks Over Traditional Books
2. Identifying Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - 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 Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - User-Friendly Interface
4. Exploring eBook Recommendations from Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Personalized Recommendations
 - Test Bank To Accompany Basic Mathematics You Can Count On Yourself User Reviews and Ratings
 - Test Bank To Accompany Basic Mathematics You Can Count On Yourself and Bestseller Lists
5. Accessing Test Bank To Accompany Basic Mathematics You Can Count On Yourself Free and Paid eBooks
 - Test Bank To Accompany Basic Mathematics You Can Count On Yourself Public Domain eBooks
 - Test Bank To Accompany Basic Mathematics You Can Count On Yourself eBook Subscription Services
 - Test Bank To Accompany Basic Mathematics You Can Count On Yourself Budget-Friendly Options
6. Navigating Test Bank To Accompany Basic Mathematics You Can Count On Yourself eBook Formats

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- Test Bank To Accompany Basic Mathematics You Can Count On Yourself Compatibility with Devices
- Test Bank To Accompany Basic Mathematics You Can Count On Yourself Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Highlighting and Note-Taking Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Interactive Elements Test Bank To Accompany Basic Mathematics You Can Count On Yourself
- 8. Staying Engaged with Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Test Bank To Accompany Basic Mathematics You Can Count On Yourself
- 9. Balancing eBooks and Physical Books Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Test Bank To Accompany Basic Mathematics You Can Count On Yourself
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Setting Reading Goals Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - Fact-Checking eBook Content of Test Bank To Accompany Basic Mathematics You Can Count On Yourself
 - 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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