

## OCR Biology - Chapter 4 Practice Test - Summer 2012

## Multiple Choice

Identify the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. What molecule carries chemical energy that cells use for their functions?
- ADP
  - ATP
  - NAD<sup>+</sup>
  - NADP<sup>+</sup>
- \_\_\_\_\_ 2. Which of the following molecules found in the food we eat is most commonly broken down to make ATP?
- carbohydrates
  - lipids
  - proteins
  - minerals
- \_\_\_\_\_ 3. Which of the following directly provides the energy needed for cell functions?
- A phosphate group is removed from ATP.
  - ADP loses a phosphate group.
  - Electrons are passed to protons.
  - Oxygen picks up electrons.
- \_\_\_\_\_ 4. Chemosynthesis is a process through which some organisms use energy from chemicals in their environment to build sugars in the absence of \_\_\_\_\_
- ATP.
  - water.
  - glucose.
  - sunlight.
- \_\_\_\_\_ 5. The water molecule labeled A in Figure 4.1 are going to the thylakoids to take part in which process?



FIG. 4.1

- light-dependent reactions
- Krebs cycle
- Calvin cycle
- light-independent reactions

# Biology Chapter 4 Test

**Aftab S. Hassan**



## **Biology Chapter 4 Test:**

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**Achievement Tests in Biology for Secondary School Use Based Upon an Analysis of the Content of the Subject** John Morris Presson, 1930

**Cracking the Nursing School Entrance Exams** Kristen Marie Haight, 2011-01-15 Nursing is one of the fastest growing professions in America and in this guide the experts at the Princeton Review help applicants succeed on the standardized exams that are part of the competitive nursing school application process

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*Human Biology and Health* Michael J. Padilla, 2002

*Teaching*, 1923

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## **Table of Contents Biology Chapter 4 Test**

1. Understanding the eBook Biology Chapter 4 Test
  - The Rise of Digital Reading Biology Chapter 4 Test
  - Advantages of eBooks Over Traditional Books
2. Identifying Biology Chapter 4 Test
  - 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 Biology Chapter 4 Test
  - User-Friendly Interface
4. Exploring eBook Recommendations from Biology Chapter 4 Test
  - Personalized Recommendations
  - Biology Chapter 4 Test User Reviews and Ratings
  - Biology Chapter 4 Test and Bestseller Lists

5. Accessing Biology Chapter 4 Test Free and Paid eBooks
  - Biology Chapter 4 Test Public Domain eBooks
  - Biology Chapter 4 Test eBook Subscription Services
  - Biology Chapter 4 Test Budget-Friendly Options
6. Navigating Biology Chapter 4 Test eBook Formats
  - ePub, PDF, MOBI, and More
  - Biology Chapter 4 Test Compatibility with Devices
  - Biology Chapter 4 Test Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Biology Chapter 4 Test
  - Highlighting and Note-Taking Biology Chapter 4 Test
  - Interactive Elements Biology Chapter 4 Test
8. Staying Engaged with Biology Chapter 4 Test
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Biology Chapter 4 Test
9. Balancing eBooks and Physical Books Biology Chapter 4 Test
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Biology Chapter 4 Test
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Biology Chapter 4 Test
  - Setting Reading Goals Biology Chapter 4 Test
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Biology Chapter 4 Test
  - Fact-Checking eBook Content of Biology Chapter 4 Test
  - 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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