

## Chapter 8 & 9 Photosynthesis and Cellular Respiration Test

### Multiple Choice

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

1. Energy is released from ATP when
  - a. a phosphate group is added.
  - b. adenine bonds to ribose.
  - c. ATP is exposed to sunlight.
  - d. a phosphate group is removed.

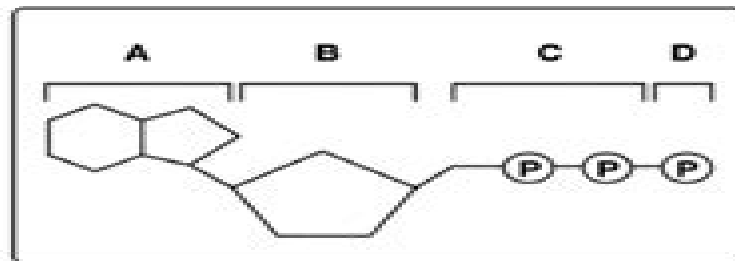


Figure 8-1

2. Which structures shown in Figure 8-1 make up an ATP molecule?
  - a. A and B
  - b. A, B, and C
  - c. A, B, C, and D
  - d. C and D
3. Which of the following are used in the overall reactions for photosynthesis?
  - a. carbon dioxide
  - b. water
  - c. light
  - d. all of the above
4. Most plants appear green because chlorophyll
  - a. does not absorb green light.
  - b. reflects violet light.
  - c. absorbs green light.
  - d. none of the above
5. What are the products of the light-dependent reactions?
  - a. oxygen gas
  - b. ATP
  - c. NADPH
  - d. all of the above
6. The Calvin cycle takes place in the
  - a. stroma.
  - b. photosystems.
  - c. thylakoid membranes.
  - d. chlorophyll molecules.
7. If carbon dioxide is removed from a plant's environment, what would you expect to happen to its production of high-energy sugars?
  - a. More sugars will be produced.
  - b. No sugars will be produced.
  - c. The same number of sugars will be produced but without carbon dioxide.
  - d. Carbon dioxide does not affect the production of high-energy sugars in plants.
8. If you continue to increase the intensity of light that a plant receives, what happens?
  - a. The rate of photosynthesis increases with light intensity.
  - b. The rate of photosynthesis decreases with light intensity.
  - c. The rate of photosynthesis increases and then levels off.
  - d. The rate of photosynthesis does not change.

# Modern Biology Chapter 7 Cellular Respiration Test Answers

**Gabrielle I. Edwards, Marion Cimmino**



## **Modern Biology Chapter 7 Cellular Respiration Test Answers:**

*Teacher's Guide to the Modern Biology Program* James Howard Otto, Albert Towle, Elizabeth H. Crider, 1965

Resources in Education, 1985      *Concepts in Modern Biology* David Kraus, 1984      AP - Biology Gabrielle I.

Edwards, Marion Cimmino, 2001 General advice on test preparation and Advanced Placement Test question types is followed by extensive topic reviews that cover molecules and cells genetics and evolution and organisms and populations Four full length model AP Biology exams are given followed by answers and explanations for all questions      **Biology Expression**

Imran Ibrahim, 2007      **Barron's how to Prepare for the Advanced Placement Examination AP Biology** Gabrielle I.

Edwards, Marion Cimmino, 1992 This newly updated manual contains three model exams with answers and explanations plus a detailed review of college level biology that covers all AP exam topics Practical advice is also given for the essay question and short answer questions      Oswaal NDA-NA (NATIONAL DEFENCE ACADEMY/NAVAL ACADEMY) 11 Years'

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**Edition: Two Biology Everyday Experience** Albert Kaskel, 1994-04-19      *Fundamentals of Microbiology* Jeffrey C.

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**Cell Biology and Genetics** Cecie Starr,Ralph Taggart,1998 Cell Biology and Genetics covers Chapter 1 Unit I The Cellular Basis of Life and Unit II Principles of Inheritance and contains a customized table of contents and the back matter from Biology The Unity and Diversity of Life The Cell Biology Genetics volume includes characteristics of life scientific methods basic chemistry cell biology metabolism mitosis and meiosis classical genetics human genetics molecular genetics recombinant DNA and genetic engineering

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

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**American Journal of Botany** ,2002      Bulletin of the Atomic Scientists ,1967-03 The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security Founded by Manhattan Project Scientists the Bulletin s iconic Doomsday Clock stimulates solutions for a safer world      **American Scientist** ,1974      **Bulletin of the Atomic Scientists** ,1967-03 The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security Founded by Manhattan Project Scientists the Bulletin s iconic Doomsday Clock stimulates solutions for a safer world

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