

## 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 molecules 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

**E Durkheim**



## **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

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