

Biology EOC Practice Test

1. In the 1600s, advances in microscopy led to the development of cell theory. Which of the following statements is part of the cell theory?
 - A. All cells require water and oxygen to survive.
 - B. All living things are made of one or more cells.
 - C. All cells have organelles with specialized functions.
 - D. All living things rely on several different types of cells.
2. In order to function, all living things require which of the following?
 - A. cells
 - B. nuclei
 - C. organs
 - D. tissues
3. Cell membranes are primarily composed of a double layer of phospholipids. Why are phospholipids particularly well suited to serving as membranes?
 - A. They can be used to metabolize starches.
 - B. They create a selectively permeable membrane.
 - C. They can work together to perform chemiosmosis.
 - D. They form a membrane that is impermeable to chemicals.
4. Which statement correctly explains a difference between the cells of prokaryotes and the cells of eukaryotes?
 - A. Eukaryotic cells reproduce using DNA; prokaryotic cells use RNA only to reproduce.
 - B. Eukaryotic cells have fewer distinct parts than prokaryotic cells because they are less evolved.
 - C. Eukaryotic cells do not have cell walls or vacuoles; prokaryotic cells have both of these features.
 - D. Eukaryotic cells have a nucleus and membrane-bound organelles; prokaryotic cells lack these features.

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Diane Miller

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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New Jersey Biology Competency Test Cynthia Pfirrmann, 2012-08-01 This brand new manual offers New Jersey high school students in depth content and conceptual preparation for the required statewide biology exam An introductory chapter describes biology as a scientific discipline and discusses the characteristics of all living things Fifteen chapters that follow focus on specifics which include Cells organic biomolecules cellular transport and reproduction Molecular genetics Mendelian genetics and genetic technology Energy exchanges and classification of living things Energetics Human body systems and classification of living things Ecology biomes and human impacts on life forms and on the earth Each chapter concludes with a glossary of biological terms suggestions to students for organizing their notes and a set of review questions with answers that reflect the types of questions students will encounter on the actual test Staar Eoc Biology Assessment Flashcard Study System Mometrix Media, 2010 **Cracking the Virginia SOL** Michelle Rose, Princeton Review (Firm), 2000 The Princeton Review realizes that acing the Biology exam is very different from getting straight As in school They don't try to teach students everything there is to know about biology only the techniques they'll need to score higher on the exam There's a big difference In **Cracking the Virginia SOL EOC Biology TPR** will teach test takers how to think like the test makers and Learn tips and techniques for solving problems when test takers are unsure of the answer Improve scores by focusing on the material most likely to appear on the test Test knowledge with review questions for each biology concept covered Master all the material readers will need to know to score higher the cell reproduction genetics photosynthesis evolution ecology and more This book includes 2 full length simulated end of course Biology exams All of TPR's sample test questions are just like the ones test takers will see on the actual exam and TPR fully explains every solution Contents Include The Mystery Exams Structure and Strategies II The Subject Review Scientific Investigations Life at the Molecular Level Photosynthesis and Cellular Respiration The Cell Life at the Systems and Organisms Level Humans Cell Reproduction and Genetics Taxonomy and Ecology III The Princeton Review Practice Tests **Macmillan Test Books in Biology. By N.J. Baxter [and Others].** N. J. BAXTER, 1973 **NJ MUE New Biology DPT Test 1 Single** Diane Miller, 2009-01-01 **NJ MUE New Biology DPT Test 2 Single** Diane Miller, 2009-01-01 **EOC Biology** Michelle Rose, 2005 **NJ MUE New Biology DPT Test 1 30 Pack** Diane Miller, 2009-01-01 **NJ MUE New Biology DPT Test 2 30 Pack** Diane Miller, 2009-01-01

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