

Biology Chapter 7 Test: Cellular Structure and Function**Multiple Choice**

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

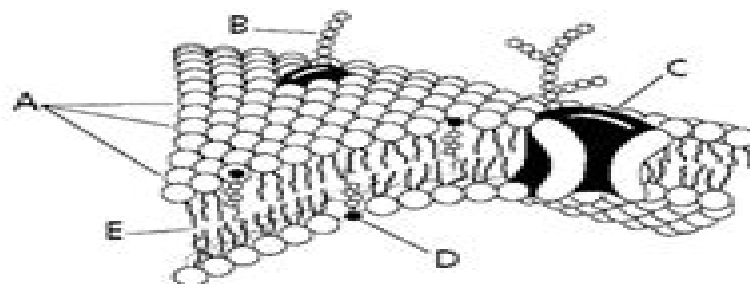


Figure 7-4

1. What would happen to the structure in Figure 7-4 if part D is completely removed?
 - a. It would become more rigid.
 - b. It would disintegrate.
 - c. It would have holes in it.
 - d. It would collapse in on itself.
2. What did scientists observe using the earliest microscopes?
 - a. atoms
 - b. cell parts
 - c. molecules
 - d. tiny organisms
3. An electron microscope can magnify an object about 500,000 times. How does this magnification compare with the magnification of a compound light microscope?
 - a. 500 times lower
 - b. 100 times lower
 - c. 100 times higher
 - d. 500 times higher
4. Which statement is a fundamental principle of the cell theory?
 - a. All cells have a plasma membrane.
 - b. Eukaryotic cells are larger than prokaryotic cells.
 - c. Living organisms are composed of cells.
 - d. The genetic material in cells is DNA.
5. Which statement is true about bacterial cells?
 - a. The cells are very large.
 - b. The cells have no nucleus.
 - c. They are eukaryotes.
 - d. They have organelles.
6. Which is present only in eukaryotic cells?
 - a. cell membrane
 - b. chromosomes
 - c. DNA
 - d. nucleus
7. Which substance on the plasma membrane helps identify chemical signals from outside the cell?
 - a. carbohydrate chain
 - b. cholesterol
 - c. membrane protein
 - d. transport protein
8. Which organelle converts sugars into energy?
 - a. lysosome
 - b. mitochondrion
 - c. nucleus
 - d. ribosome

Prentice Hall Biology Chapter 7 Test

Tao Wei



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Biology Kenneth Raymond Miller, Prentice Hall (School Division), 1999-02 **Prentice Hall Biology, 2002** Irvine Welsh, Prentice-Hall Staff, 2001-04 One program that ensures success for all students Human Biology and Health, 1997

Prentice Hall Miller Levine Biology Laboratory Manual a for Students Second Edition 2004 Kenneth Raymond Miller, Joseph S. Levine, Prentice-Hall Staff, 2003-02 Authors Kenneth Miller and Joseph Levine continue to set the standard for clear accessible writing and up to date content that engages student interest Prentice Hall Biology utilizes a student friendly approach that provides a powerful framework for connecting the key concepts a biology Students explore concepts through engaging narrative frequent use of analogies familiar examples and clear and instructional graphics Whether using the text alone or in tandem with exceptional ancillaries and technology teachers can meet the needs of every student at every learning level **Prentice Hall Biology** Sandra Gottfried, Gerry M. Madrazo, Jr., 1990 **Biology**, 1998 **Hearings and Reports on Atomic Energy** United States. Congress. Joint Committee on Atomic Energy, 1957 **Hearings** United States. Congress. Joint Committee ..., 1957 Research in Education, 1974 **Resources in Education**, 1999 **Prentice Hall Physical Science Concepts in Action Program Planner National Chemistry Physics Earth Science**, 2003-11 Prentice Hall Physical Science Concepts in Action helps students make the important connection between the science they read and what they experience every day Relevant content lively explorations and a wealth of hands on activities take students understanding of science beyond the page and into the world around them Now includes even more technology tools and activities to support differentiated instruction **Biological Control** Peter G. Mason, 2021-10 Biological Control Global Impacts Challenges and Future Directions of Pest Management provides a historical summary of organisms and main strategies used in biological control as well as the key challenges confronting biological control in the 21st century Biological control has been implemented for millennia initially practised by growers moving beneficial species from one local area to another Today biological control has evolved into a formal science that provides ecosystem services to protect the environment and the resources used by humanity With contributions from dedicated scientists and practitioners from around the world this comprehensive book highlights important successes failures and challenges in biological control efforts It advocates that biological control must be viewed as a global endeavour and provides suggestions to move practices forward in a changing world Biological Control is an invaluable resource for conservation specialists pest management practitioners and those who research invasive species as well as students studying pest management science *The Nature of Radioactive Fallout and Its Effects on Man* United States. Congress. Joint Committee on Atomic Energy. Special Subcommittee on Radiation, 1957 *The Nature of Radioactive Fallout and Its Effects on Man* United States. Congress. Joint Committee on Atomic Energy, 1957 **Sex and Cognition** Doreen Kimura, 2000-07-24 Doreen Kimura provides an intelligible overview of what is known about the neural and hormonal bases of sex differences in behavior particularly

differences in cognitive ability In this fact driven book Doreen Kimura provides an intelligible overview of what is known about the neural and hormonal bases of sex differences in behavior particularly differences in cognitive ability Kimura argues that women and men differ not only in physical attributes and reproductive function but also in how they solve common problems She offers evidence that the effects of sex hormones on brain organization occur so early in life that from the start the environment is acting on differently wired brains in girls and boys She presents various behavioral neurological and endocrinological studies that shed light on the processes giving rise to these sex differences in the brain

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