



Biology: Understanding Life

By Alters, Sandra; Alters, Brian

Wiley, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PART ONE: AN INTRODUCTION.Chapter 1. Biology: Understanding Life.Chapter 2. How Scientists Do Their Work.PART TWO: CELLS AND HOW THEY TRANSFORM ENERGY.Chapter 3. The Chemistry of Life.Chapter 4. Biological Molecules.Chapter 5. Cell Structure and Function.Chapter 6. The Flow of Energy Within Organisms.Chapter 7. Storing Energy from the Sun: Photosynthesis.Chapter 8. Releasing Energy from Carbohydrates: Cellular Respiration.PART THREE: GENETICS.Chapter 9. DNA Structure and Replication.Chapter 10. Gene Expression and Regulation.Chapter 11. Biotechnology & Genetic Engineering.Chapter 12. Cell Reproduction.Chapter 13. Patterns of Inheritance.Chapter 14. Human Genetics.PART FOUR: PRINCIPLES OF EVOLUTION.Chapter 15. The History and Development of Evolutionary Theory.Chapter 16. Beyond Darwin: A Genetic Basis of Evolution.Chapter 17. Speciation & Extinction: How Species Arise & Die Out.Chapter 18. The Evolution of Life on Earth.PART FIVE: BIOLOGICAL DIVERSITY & ITS EVOLUTION.Chapter 19. Viruses and Bacteria.Chapter 20. Protists, Fungi, & Plants.Chapter 21. Invertebrates.Chapter 22. Chordates & Vertebrates.PART SIX: PLANT ANATOMY & PHYSIOLOGY.Chapter 23. Patterns of Reproduction in Plants.Chapter 24. Patterns of Structure and Function in Plants.Chapter 25. Control Systems in Plants.PART SEVEN: ANIMAL ANATOMY & PHYSIOLOGY.Chapter 26. Tissues.Chapter 27. Digestion.Chapter 28. Respiration.Chapter 29. Circulation.Chapter 30. Defense Against Disease.Chapter 31. Excretion.Chapter 32....



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