



CliffsAP Biology, 3rd Edition (CliffsNotes AP)

By Pack, Phillip E

Cliffs Notes, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Introduction.How You Should Use This Book.What to Bring to the Exam.Exam Format.Exam Grading.What's on the Exam.Hints for Taking the Multiple-Choice Section.Hints for Taking the Essay Section.Must-Know Essay Questions.Some Final Suggestions.PART I: SUBJECT AREA REVIEWS WITH SAMPLE QUESTIONS AND ANSWERS.Chemistry.Review.Atoms, Molecules, Ions, and Bonds.Properties of Water.Organic Molecules.Carbohydrates.Lipids.Proteins.Nucleic Acids.Chemical Reactions in Metabolic Processes.Sample Questions and Answers.Cells.Review.Structure and Function of the Cell.Prokaryotes and Eukaryotes.Movement of Substances.Sample Questions and Answers.Cellular Respiration.Review.Glycolysis.The Krebs Cycle.Oxidative Phosphorylation.How Many ATP?Mitochondria.Chemiosmosis in Mitochondria.Two Types of Phosphorylation.Anaerobic Respiration.Alcohol Fermentation.Lactic Acid Fermentation.Sample Questions and Answers.Photosynthesis.Review.Noncyclic Photophosphorylation.Cyclic Photophosphorylation.Calvin Cycle.Chloroplasts.Chemiosmosis in Chloroplasts.Photorespiration.C4 Photosynthesis.CAM Photosynthesis.Sample Questions and Answers.Cell Division.Review.Mitosis and Cytokinesis.Meiosis.Mitosis versus Meiosis.Genetic Variation.Regulation of the Cell Cycle.Sample Questions and Answers.Heredity.Review.Complete Dominance, Monohybrid Cross.Complete Dominance, Dihybrid Cross.Test .Incomplete.Codominance.Multiple Alleles.Epistasis.Pleiotropy.Polygenic Inheritance.Linked Genes.Sex-Linked Inheritance.X-Inactivation.Nondisjunction.Human Genetic Defects.Sample Questions and Answers.Molecular Genetics.Review.DNA Replication.Replication of Telomeres.Protein Synthesis.Transcription.mRNA Processing.Translation.Mutations.DNA Organization.The Molecular Genetics of Viruses.The Molecular Genetics of Bacteria.Regulation of Gene Expression.Recombinant DNA.Sample Questions and Answers.Evolution.Review.Evidence for Evolution.Natural Selection.Sources of Variation.Causes of Changes in Allele Frequencies.Genetic Equilibrium.Speciation.Maintaining Reproductive Isolation.Patterns of Evolution.iv Macroevolution.The Origin of Life.Sample Questions and Answers.Biological Diversity.Review.Domain Archaea.Domain Bacteria.Domain Eukarya.Kingdom Protista.Kingdom Fungi.Kingdom Plantae.Kingdom Animalia.Sample Questions and Answers.Plants.Review.Plant Tissues.The Seed.Germination and Development.Primary Growth...

Reviews

Undoubtedly, this is actually the finest work by any author. Of course, it is perform, nonetheless an amazing and interesting literature. You will like just how the article writer publish this book.

-- Dr. Isom Dibbert Jr.

Complete guideline for publication fanatics. It is actually writter in straightforward words rather than confusing. I am effortlessly could get a pleasure of looking at a written book.

-- Kirstin Schuppe