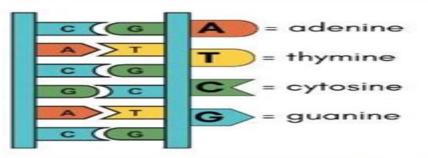
# Deoxyribonucleic Acid



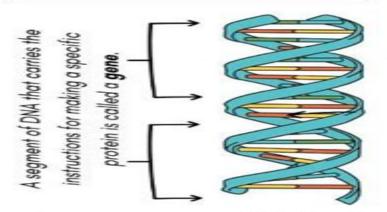
DNA is a large molecule found inside the cells of living things. It is made up of different elements that carry genetic information. DNA is made up of four basic building blocks called **nucleotides**.



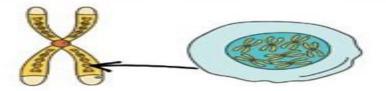
#### NUCLEOTIDES

The order of nucleotides within a strand of DNA forms a special genetic **code**. This code provides instructions for the development, growth and functioning of all living things.

#### CHROMOSOMES



Humans have a total of 46 DNA molecules. These are organised into long, coiled-up structures called **chromosomes**.



Chromosomes are found in the **nucleus**, the control center of the cell.

They are responsible for the genetic information that is passed down from parents to children. Humans have 23 pairs of chromosomes in each of their cells.



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**College Entrance Examination Board** 

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Ssq- Human Biology 6E Student Study Guide Chiras, 2008-02 Human Biology Sixth Edition provides students with a clear and concise introduction to the general concepts of mammalian biology and human structure and function With its unique focus on health and homeostasis Human Biology enhances students understanding of their own health needs and presents the scientific background necessary for students to think critically about biological information they encounter in the media The completely revised content and exceptional new art and photos provide students with a more user friendly text while excellent learning tools maximize comprehension of material A Guide to Modern Biology Eleanor Lawrence, 1989 A guide to the state of research in molecular genetics cell structure and function the framework of ideas in which new work is interpreted and the connnections being made between different areas of research Covering animal cells and human biology it is suitable for students and non specialists NEET UG Biology Paper Study Notes | Chapter Wise Note Book For NEET Aspirants | Complete Preparation Guide with Self Assessment Exercise EduGorilla Prep Experts, 2022-09-15 Best Selling Book in English Edition for NEET UG Biology Paper Exam with objective type questions as per the latest syllabus Increase your chances of selection by 16X NEET UG Biology Paper Study Notes Kit comes with well structured Content Chapter wise Practice Tests for your self evaluation Clear exam with good grades using thoroughly Researched Content by Modern Biology James Howard Otto, 1985 **Instructor's Guide for Campbell's Biology** Nina Caris, Harold T. experts Cornell University Courses of Study Cornell University, 1995 Underwood, 1996 **Introduction to Practical Molecular Biology** Philippa D. Darbre, 1988 This book was developed from a collection of laboratory protocols which have been used successfully in the laboratory over the past five years Simple protocols for the preparation of DNA and RNA are described followed by step by step procedure for DNA analysis by Southern blotting and RNA analysis by Northern blotting Each chapter begins with a simple explanation of the principles involved This is followed by a plan of how to fit the successive stages into a weekly schedule a list of equipment and materials required and finally a simple to follow protocol This volume is not intended to provide a major laboratory manual for the established and highly experienced molecular biologist it does however provide an introduction to the field for scientists wishing to take up molecular biology The Macmillan Guide to Correspondence Study Modoc Press, 1996 Biology/science Materials Carolina Biological Supply Company, 1991 UPSC Mains Paper-IV: General Studies-III Exam 2024 | Topic-wise Study Notes as Per the Latest Syllabus (NCERT) | Concise Guide Book for Complete Preparation EduGorilla Prep Experts, EduGorilla General Studies III Paper IV Study Notes are a comprehensive guide for aspirants preparing for UPSC Civil Services Mains Examination These UPSC Mains Notes cover the entire syllabus to provide you with a well rounded understanding of the topics covered in General Studies III Paper IV Why EduGorilla s UPSC Civil Services Study Notes for General Studies III Paper IV EduGorilla UPSC Study Notes provide concise theory and practice questions for better retainment of facts General Studies III Paper IV Notes for Civil Services are

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