



## Fundamentals of Genetics

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By G.S. Miglani

Narosa Publishing House, 2011. Softcover. Book Condition: New. 5th or later edition. Fundamentals of Genetics deals with topics in the areas like Mendelian genetics, cytology, biochemical genetics, mutagenesis, extranuclear and extrachromosomal inheritance, molecular genetics, developmental genetics, human genetics, population genetics, evolutionary genetics and biostatistics. The students appearing in UGC/national level (UGC/CSIR) and state level NET examinations and candidates appearing in interviews will find this book useful. Key Features IMPORTANT FEATURES: ? Up-to-date subject matter ? Classical and recent examples ? Extensive cross-referencing done ? 100 tables ? 265 figures ? Review questions ? Numerical problems ? Glossary has 1,300 terms ? Bibliography contains 725 references ? Detailed subject indexes Table of Contents Preface / Introduction / Principles of Inheritance / Cell Division and its Significance / Chromosome Theory of Inheritance / Chromosome Structure / Sex-linked, Sex-limited and Sex-influenced Inheritance / Multiple Alleles and Lethal Genes / Gene-gene Interactions / Systems Used in Genetic Analysis / Genetic Analysis in Diploid Eukaryotes and Mechanism of Genetic Recombination / Genetic Analysis in Haploid Eukaryotes / Genetic Analysis in Bacteria and Viruses / Nature, Structure, Organisation and Replication of Genetic Material / Gene Structure and Colinearity / Gene Function / Transcription, RNA Processing and...



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