



## Medical Genetics for the Modern Clinician

By Westman MD, Judith A.

LWW, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: CHAPTER 1: GENETICS IN THE PRACTICE OF MEDICINEFrom Genetics to GenomicsGenetics and Preventive MedicineEthical Issues in Medical GeneticsQuestionsCHAPTER 2: DNA STRUCTURE, FUNCTION, AND REPLICATION: A REVIEW- Basic Structure of DNATertiary Structure of DNAMitochondrial DNACell CycleMeiosisQuestionsCHAPTER 3: CYTOGENETICS: MICROSCOPIC GENETICSChromosome Morphology, Nomenclature, and KaryotypingTechniques in Molecular CytogeneticsNumerical Chromosomal AbnormalitiesStructural  $Abnormalities Mosaicism Prenatal\ Clinical\ Techniques\ in\ Cytogenetics Questions CHAPTER\ 4:$ MOLECULAR GENETICS: GENE STRUCTURE, ORGANIZATION, AND CONTROLGene StructureFrom Gene to ProductGenome OrganizationEpigeneticsClinically Relevant Laboratory TechniquesQuestionsCHAPTER 5: Changes and Repair at the Molecular DNA LevelMutationsDNA Repair MechanismsQuestionsCHAPTER 6: MENDELIAN INHERITANCE: OBSERVATION OF PHENOTYPESPedigree ConstructionInheritance PatternsGenetic CounselingRisk Assessment Based on Pedigree AnalysisHardy-Weinberg EquilibriumPrenatal Diagnosis of Mendelian DisordersQuestionsCHAPTER 7: UNEXPECTED PHENOTYPES IN MENDELIAN DISORDERS: MOLECULAR EXPLANATIONSVariations in Dominant PhenotypesVariations in Recessive PhenotypesVariations in X-linked PhenotypesMitochondrial InheritanceFalse PaternityQuestionsCHAPTER 8: CANCER GENETICSGenes and CancerMultistep Evolution in  ${\tt Cancer Cancer Risk Assessment Counseling Oncogenes Tumor Suppressor Genes Questions CHAPTER}$ 9: COMPLEX DISEASESThreshold ModelModifier GenesTools for Study of Complex DiseasesCongenital Complex DiseasesAdult-Onset Complex DiseasesQuestionsCHAPTER 10: DEVELOPMENTAL GENETICSDysmorphologyEmbryologic Development and Control MechanismsQuestionsCHAPTER 11: INDIVIDUALIZED MEDICINEPharmacogenomicsIndividualized Drug TherapiesDisease SusceptibilityQuestionsCHAPTER 12: GENE THERAPYViral VectorsNonviral VectorsQuestions.



## Reviews

Unquestionably, this is the best operate by any article writer. It is really basic but surprises from the 50 % of the ebook. I realized this ebook from my i and dad suggested this ebook to discover.

-- Kacie Schroeder

This pdf could be well worth a read through, and a lot better than other. It is amongst the most incredible publication i have got read through. I discovered this book from my dad and i recommended this publication to discover.

-- Sadye Hill