

Program	Institute
M.Sc. Genetic Counseling	Kasturba Medical College (KMC), Manipal

Department Test (DT) 2022 Test Details

- Test Duration: 90 minutes
- Total Questions: 50 MCQs
- Max Marks: 50
- Marking Scheme: +1 for every correct answer, - 1 for every wrong answer, 0 for every unattempted question
- Schedule & Mode: Refer www.manipal.edu/dt for updates

Genetics

Cell Structure, Organelles, Function, Metabolism; Cell Cycle & Its Control, Human Developmental Biology: Basic Concepts of Developmental Biology, Developmental Mechanisms in Embryogenesis; Human Anatomy & Physiology: All Organ Systems & Their Functions; Basics of Human Biochemistry: Biological Molecules (Carbohydrates, Proteins, Lipids, Nucleic Acids), Metabolic Pathways; Immunity: Innate Immunity, Acquired Immunity, Organization of Human Genome, Human Chromosomes: Structure, Function, Abnormalities; Genes: Structure, Expression & Function; Human Genetic Variations: Single Nucleotide Variations, Copy Number Variations, Implications of Genetic Variations; Mendelian Inheritance Patterns: Autosomal and X-Linked Inheritance; Common Genetic Disorders: Chromosomal Syndromes, Microdeletion Syndromes, Monogenic Disorders, Multifactorial Disorders; Cancer Genetics, Genetic Testing, Prenatal diagnosis, Genetic Counseling

♣ Best of Luck ♣

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