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Anthropology short notes

Applied human genetics

UPSC Civil Services (Main) Examination · Anthropology GS 1 · Anthropology GS 1 (Paper I)

Applied human genetics - Paternity diagnosis, genetic counselling and eugenics.

Short notes by official syllabus heading.

Revision notes for the Anthropology optional. Confirm thinkers and examples against standard texts and recent papers.

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Applied Human Genetics**Definition**

Medical Genetics: It is the standard method for understanding the inheritance patterns of Mendelian disorders such as Huntington's disease, Sickle-cell anemia, and Thalassemia.

Thinkers

Radcliffe-Brown: Used genealogies to reconstruct descent groups and social structure in Africa. Malinowski: Used them to understand kinship and land inheritance among the Trobriand Islanders. Claude Lévi-Strauss: Used genealogical/kinship data to develop Alliance Theory, focusing on marriage and exchange between lineages. India: S.C. Roy documented Oraon genealogies; Irawati Karve used genealogical mapping to study village kinship and exogamy in Maharashtra.: Applications of Pedigree Analysis.

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