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Anthropology short notes

Human Genetics

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

9.1 Human Genetics: Methods and Application: Methods for study of genetic principles in man-family study (pedigree analysis, twin study, foster child, co-twin method, cytogenetic method, chromosomal and karyo-type analysis), biochemical methods, immunological methods, D.N.A. technology and recombinant technologies.

Short notes by official syllabus heading.

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

<https://wrapexams.com/upsc/archives/anthropology-notes/paper-1/human-genetics/>

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

Bronislaw Malinowski | Fieldwork; Cultural Anthropology Franz Boas | Cultural Anthropology; Historical Particularism Benjamin Lee Whorf | Linguistic Relativity Radcliffe-Brown: Used genealogies to reconstruct descent groups and social structure in Africa.

Definition

Study (Kamal K. Misra): >85% of tribal land transfers in AP, MP, Odisha are to non-tribals.

Thinkers

Development-induced displacement (by B.K. Roy Burman) highlighting Eco, Health, Political marginalisation. Titles show caste influence: Singh, Pujari, Rana, Nayak. 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.

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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.

Definition

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