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Anthropology short notes

## **Concept of genetic polymorphism and selection, Mendelian population, Hardy-Weinberg law**

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

9.3 Concept of genetic polymorphism and selection, Mendelian population, Hardy-Weinberg law; causes and changes which bring down frequency-mutation, isolation, migration, selection, inbreeding and genetic drift. Consanguineous and non-consanguineous mating, genetic load, genetic effect of consanguineous and cousin marriages.

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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### **Concept Of Genetic Polymorphism**

#### **Definition**

Hence, Hardy-Weinberg equilibrium is an ideal theoretical model, not a perfect description of real populations.

### **Selection**

#### **Definition**

Culture and embodiment is a transformative paradigm in anthropology that examines how the human body is not merely a biological vessel, but a living site where social meanings, emotions, and power relations are physically inscribed, felt, and lived. This approach bridges the gap between biological and cultural anthropology, moving beyond the Western "mind-body dualism" to view the body as the very ground of cultural experience.

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