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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q4(b)

Discuss various methods of personal identification based on skeletal remains.

UPSC Civil Services Mains 2023 · Anthropology GS 1 · 15 marks · Applications of Anthropology

12. Applications of Anthropology: Anthropology of sports, Nutritional anthropology, Anthropology in designing of defence and other equipments, Forensic Anthropology, Methods and principles of personal identification and reconstruction, Applied human genetics-Paternity diagnosis, genetic counselling and eugenics, DNA technology in diseases and medicine, serogenetics and cytogenetics in reproductive biology.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/anthropology-gs-1/2023/discuss-various-methods-of-personal-identification-based-on-skeletal-remains/>

Phenice method

Three pubic traits used for sex estimation from the adult pelvis with relatively high accuracy.

Suchey-Brooks

Pubic-symphysis phases for adult age estimation, a standard forensic tool.

Trotter and Gleser

Regression formulae from long bones to living stature, population-sensitive.

Wilton Krogman

Classic text on the human skeleton in forensic medicine, still the teaching frame of the biological profile.

STR DNA

Short tandem repeat profiles from bone or tooth that can match a named reference or a relative.

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