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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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Q5(b)

Down's Syndrome.

UPSC Civil Services Mains 2015 · Anthropology GS 1 · 10 marks · Autosomal aberrations

(c) Autosomal aberrations-Down syndrome, Patau, Edward and Cri-du-chat syndromes.

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-1/2015/downs-syndrome/>

Lejeune

1959 demonstration of trisomy 21 as the usual cause.

Non-disjunction

Failure of chromosomes to separate in meiosis, the common origin.

Translocation

An inherited rearrangement that can recur in a family even in young mothers.

NIPT

Non-invasive prenatal testing of cell-free DNA, a screening step before diagnostic karyotype.

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