

WRAP Exams · wrapexams.com

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

ask@wrapexams.com · +91 85951 84903 · wrapexams.com

Q4(c)

"Chromosomal aberrations can play havoc with the human body and mind." Explain with suitable examples

UPSC Civil Services Mains 2021 · Anthropology GS 1 · 15 marks · Numerical and structural aberrations (disorders).

(a) Numerical and structural aberrations (disorders).

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-1/2021/chromosomal-aberrations-can-play-havoc-with-the-human-body-and-mind-explain-with-suitable-examples/>

Down syndrome

Trisomy 21; most frequent viable autosomal aneuploidy; associated with congenital heart disease.

Turner syndrome

45,X; short stature and streak gonads; not a uniform intellectual profile.

Klinefelter syndrome

47,XXY; male hypogonadism and a raised rate of language delay.

Nondisjunction

Failure of chromosomes to separate in meiosis; the usual origin of trisomy.

WRAP Exams · Write. Read. Analyse. Practice. · <https://wrapexams.com/upsc/mains-answers/anthropology-gs-1/2021/chromosomal-aberrations-can-play-havoc-with-the-human-body-and-mind-explain-with-suitable-examples/> · ask@wrapexams.com · wrapexams.com