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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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Q7(b)

Critically examine the physiological responses and acclimatization to cold climate in Man

UPSC Civil Services Mains 2015 · Anthropology GS 1 · 15 marks · Concepts and methods of Ecological Anthropology: Bio-cultural Adaptations

9.7 Concepts and methods of Ecological Anthropology: Bio-cultural Adaptations-Genetic and Non-genetic factors. Man's physiological responses to environmental stresses: hot desert, cold, high altitude climate.

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/critically-examine-the-physiological-responses-and-acclimatization-to-cold-climate-in-man/>

Lewis hunting reaction

Alternating constriction and dilation in cooled fingers.

Bergmann's rule

Larger body mass in colder climates, a statistical ecological pattern.

Allen's rule

Shorter appendages in colder climates, reducing heat loss.

Inuit

Classic case of clothing, fat-rich diet, and some physiological cold work.

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