

OCR B Biology A-level

4.3.2 - The impact of population increase

Flashcards

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Define birth rate and death rate.



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- Birth rate= number of births per 1000 people
- Death rate= number of deaths per 1000 people



Give factors affecting human birth and death rates.



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- High birth rate = children needed for farming, no contraception
- Low birth rate = employment of women, later marriages
- High death rate = disease, famine, little access to medical care
- Low death rate = health care, clean water, ready supply of food



Describe the impact of a rising population on the environment.



Describe the impact of a rising population on the environment.

- Abiotic factors= climate change, pH and mineral content of soil, water quality
- Biotic factors= overall reduction in biodiversity, extinction of species due to hunting and habitat destruction



Give reasons to maintain biodiversity.



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- Ecological = protecting species, maintaining resources
- Economic = reducing soil depletion, protecting landscapes for tourism
- Scientific = use in medicine, research



What measures have been taken to promote global food security?



What measures have been taken to promote global food security?

- Challenges to the system e.g. food safety, food crime, consumer trust.
- United Nations Food and Agriculture Organisation; FCC (Food Chain Crisis Management Framework); and EMPRES (Emergency Prevention System).

