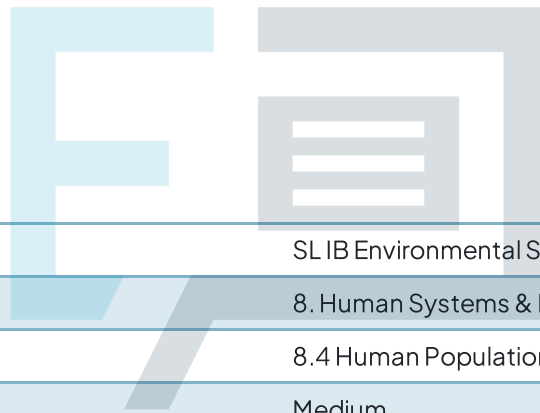




8.4 Human Population Carrying Capacity

Question Paper



Course	SL IB Environmental Systems & Societies (ESS)
Section	8. Human Systems & Resource Use
Topic	8.4 Human Population Carrying Capacity
Difficulty	Medium

Exam Papers Practice

To be used by all students preparing for
SL IB Environmental Systems & Societies (ESS)
Students of other boards may also find this useful

Question 1

Explain the concept of an *ecological footprint* and its significance in assessing human population impacts.

[4 marks]

Question 2

Differences in the efficiency of the food production systems used will affect the ecological footprint of a country.

Other than food production, identify **three** factors that may affect the size of a country's ecological footprint and state the influence each has.

[3 marks]



Exam Papers Practice

Question 3

Explain why estimating carrying capacity is problematic for human populations and how it differs from other species.

[4 marks]

Question 4

Distinguish between the terms *ecological footprint* and *carrying capacity* of a human population and describe the relationship between them.

[3 marks]



Exam Papers Practice