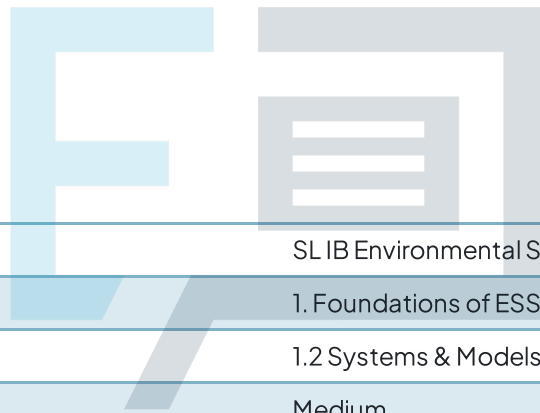




1.2 Systems & Models

Question Paper



Course	SL IB Environmental Systems & Societies (ESS)
Section	1. Foundations of ESS
Topic	1.2 Systems & Models
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 1a

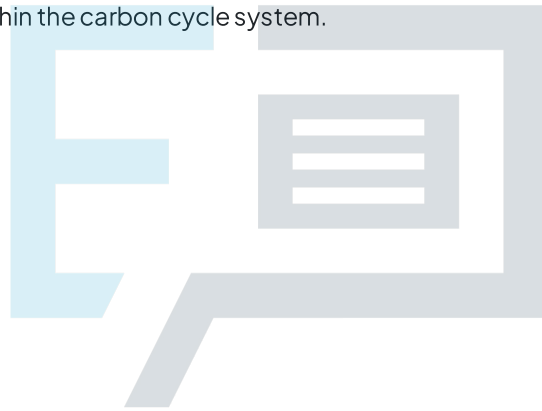
Define the term system.

[3 marks]

Question 1b

State **two** storages and **two** flows within the carbon cycle system.

[4 marks]



Exam Papers Practice

Question 2a

Explain how the Earth and the atmosphere surrounding it could be viewed as a closed system.

[3 marks]

Question 2b

Distinguish between transfers and transformations within the context of the hydrological cycle, providing examples for each.

[4 marks]

Question 3a

Distinguish between a holistic approach and a reductionist approach for studying systems.

[2 marks]

Question 3b

Explain how a community of trees in a tropical rainforest could be viewed as a system.

[6 marks]

Question 4a

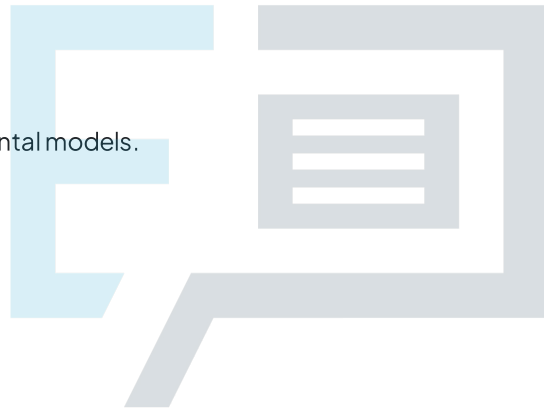
Define the term *model*.

[2 marks]

Question 4b

Evaluate the usefulness of environmental models.

[4 marks]



Exam Papers Practice