

A level Geography

H481/01 Physical systems

Question Set 4

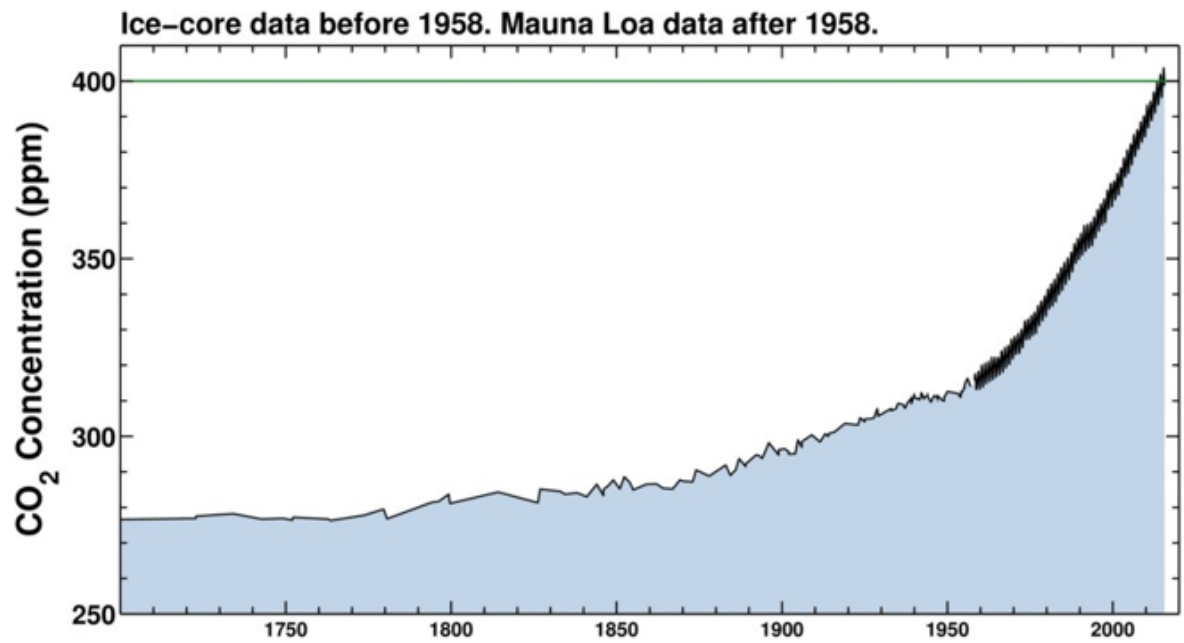
Earth's Life Support Systems

- 1 (a) Study **Fig. 1**, atmospheric CO₂ changes 1700-2015.
Suggest how the changing CO₂ concentrations shown in **Fig. 1** influence global management strategies for the carbon cycle. [4]
- (b) Explain **three** benefits of mapping rates of deforestation using Geographical Information Systems (GIS). [3]
- (c) Examine the significance of the role of vegetation in linking the water and carbon cycles. [10]
- (d)* “Human factors affect the water cycle more significantly in the tropical rainforest than in the Arctic tundra”. Discuss. [16]

Total Marks for Question Set 4: 33

Resource Materials

1 (a) Fig. 1 – Atmospheric CO₂ changes 1700-2015





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