**Review Notes: Antarctica (Booklet 13)**

**Antarctica as a global common**

**1. Introduction to Antarctica**

Define the following key terms: The Antarctic Convergence, a non-governmental organization, Governance, Moratorium, Antarctic Treaty.

Describe the location and geography of Antarctica including: size, shape, location (latitude), Coastline, Ice and Land, and Ocean.

Physical Geography

* Why doesn’t warm water flow south – refer to the Antarctic Convergence?
* Why does the Antarctic Circumpolar Current move eastwards?
* Draw the locations of the Antarctic Convergence and Antarctic Circumpolar Current on a map.
* Why is upwelling important for Krill.
* How does temperature and precipitation vary across Antarctica? What factors affect this change? Refer to katabatic winds and polar desert in your notes.

**2. Threats to Antarctica**

Climate Change

* What are the issues?
* What impacts is Climate Change having on the following?
* Ice melt and sea level rise
* Negative ecological impacts
* Positive impacts
* Negative ocean acidification

Fishing and Whaling

* What are the issues?
* What are krill and why do they need protecting?
* Name the organisations involved in governing the threats from fishing & whaling and what is their role?
* International Whaling Commission
  + What is the IWC?
  + What does the IWC do?
  + What happened during the 1982 whaling moratorium?
  + What are the issues with the IWC whaling moratorium?

**2. Threats to Antarctica cont…**

Mineral Resources

* Gives examples of known mineral deposits
* Why is mineral extraction difficult?
* Explain how the presence of mineral resources are a threat to Antarctica

Tourism

* What types of tourism is there and what do they go to see?
* What is the Lindblad Plan and who laid it down?
* What evidence suggests the environment has been little affected by tourism?
* What are the recent trends in tourism and what are the concerns?

**3 Governance of Antarctica**

Name countries who have marked territories in Antarctica.

For each of the following explain why it came about, who is involved, what it does and how successful you think it is.

* Antarctic Treaty System
* Protocol on Environmental Protection to the Antarctic Treaty
* The UN and UNEP
* CCAMLR

Explain the role of NGOs in monitoring threats and enhancing protection of Antarctica and how successful you think they are.

* Friends of the Earth
* WWF
* Greenpeace
* ASOC

**4 The Future of Antarctica**

Analysis and assessment of the geographical consequences of global governance

* What are differing view about the future of Antarctica?
* What do you think should happen to Antarctica in the future? Why?