



5) Why does the ocean have a limited capacity for CO<sub>2</sub> uptake?

6) What greenhouse gases other than CO<sub>2</sub> have human activities added to the atmosphere? (name at least two, and discuss sources)

7) Why is sea level rising? (Name at least two contributing factors, and be as specific as you can.)

8) In what way(s) has the observed melting of ice shelves and glaciers in Antarctica and Greenland caught scientists by surprise?

9) What terrestrial, coastal and oceanic ecosystems are thought to be most vulnerable to the effects of climate change?

10) The polar regions and Africa are regions predicted to be especially vulnerable to the effects of climate change. Why is this?

11) How did the Kyoto Protocol create a market in carbon trading, and what is meant by the term “cap and trade” when applied to carbon emissions?

12) What are the main conclusions of the recent Review of the Economics of Climate Change by Sir Nicholas Stern?