



Atmosphere & Ocean
Geography past Exam Questions
Higher Level

2013

Section 3 - Q 22, 23, 24

22. Examine how circulation patterns in the atmosphere and/or the oceans affect weather and climate at the earth's surface.
- [80m]
23. Examine **one** climate type that you have studied.
- [80m]
24. Give an account of how atmosphere-ocean phenomena are measured and examine the importance of such measurements with reference to pressure, temperature, wind and humidity.
- [80m]

2012

Section 3 - Q 22, 23, 24

22. The characteristics of climate can change over time and space.
Discuss this statement with reference to examples that you have studied.
- [80m]
23. Examine the impact of rainfall on agriculture and on domestic water supplies.
- [80m]
24. Examine the exchange of water between the oceans and the atmosphere.
- [80m]

2011

Section 3 - Q 22, 23, 24

22. Exchanges of water between ocean and atmosphere vary over the surface of the earth and this gives rise to distinctive weather conditions.
Discuss this statement with reference to examples that you have studied. [80m]
23. Climate characteristics have an influence on economic development.
Discuss this statement with reference to agriculture. [80m]
24. Account for the distinctive nature of **one** global climate that you have studied. [80m]

2010

Section 3 - Q 22, 23, 24

22. Describe and explain why the characteristics of climate change over time. [80m]
23. Examine the impact of climate on the development of tourism in any region that you have studied. [80m]
24. Describe and explain the formation of mid-latitude depressions and the weather patterns associated with them. [80m]

2009

Section 3 - Q 22, 23, 24

22. Give an explanatory account of any **one** global climate you have studied.

[80m]

23. Explain why temperatures vary greatly over the surface of the earth.

[80m]

24. Climate influences economic development. Discuss this statement with reference to examples you have studied.

[80m]

2008

Section 3 - Q 22, 23, 24

22. Describe and explain the formation of mid-latitude depressions and anticyclones – and the weather patterns associated with them. [80m]
23. Explore **one** argument in support of and **one** argument against the idea that major global climate change is currently underway. [80m]
24. Analyse and explain the interaction between the earth's atmosphere and oceans. [80m]

2007

Section 3 - Q 22, 23, 24

22. Describe and explain the development of patterns of air circulation. In your answer you should refer to **at least two** of the following:
- Global wind systems
 - Land and sea breezes
 - Mountain and valley winds
- [80m]
23. Examine the exchange of water between the oceans and the atmosphere.
- [80m]
24. Give an explanatory account of any **one** distinctive global climate that you have studied.
- [80m]

2006

Section 3 - Q 22, 23, 24

22. "Climate change is a cause of global concern".
Discuss. [80m]
23. Examine the influence of climate on economic development, referring to examples you have studied. [80m]
24. Describe and account for the development of patterns of circulation in **either** the atmosphere **or** the oceans. [80m]