



Geoecology

Geography past Exam Questions

Higher Level

2013

Section 3 – Q 16, 17, 18

16. Examine how desertification and conservation have impacted on soil characteristics. [80m]
17. With reference to **one** biome that you have studied, account for the type of climate experienced in this biome and explain how this climate impacts on soils and vegetation within the biome. [80m]
18. Discuss how soil development is influenced by any **three** of the following factors: [80m]
- Mineral matter
 - Air
 - Water
 - Organic matter.

2012

Section 3 – Q 16, 17, 18

16. Explain how weathering, leaching and podzolisation have impacted on the characteristics of soil. [80m]
17. Discuss how human activities can accelerate soil erosion. [80m]
18. Examine how any **three** of the activities listed below can impact on biomes: [80m]
- early settlement and the clearing of forests
 - the felling of tropical rain forests
 - intensive agricultural practices
 - industrial development.

2011

Section 3 – Q 16, 17, 18

16. Soil characteristics are affected by their immediate environment and by a combination of processes operating in that environment.
Examine any **three** soil processes that affect soil characteristics.
- [80m]
17. Examine the characteristics of any **one** biome that you have studied under **three** of the following headings:
- Climate
 - Soils
 - Flora
 - Fauna.
- [80m]
18. The development of economic activities can alter biomes.
Discuss this statement with reference to appropriate examples that you have studied.
- [80m]

2010

Section 3 – Q 16, 17, 18

16. Examine the influence of climate on the characteristics of **one** biome that you that have studied. [80m]

17. Examine **two** ways in which human activities have impacted on soils. [80m]

18. Describe and explain the characteristics of any **one** soil type studied by you. [80m]

2009

Section 3 – Q 16, 17, 18

16. With reference to **one** soil type you have studied, examine how parent material, climate and organic matter influence the soil.
- [80m]
17. Discuss how human activities can accelerate soil erosion.
- [80m]
18. Assess how biomes have been altered by human activity.
- [80m]

2008

Section 3 – Q 16, 17, 18

16. Examine **two** ways in which human activities have altered the natural characteristics of a biome that you have studied. [80m]

17. Examine **two** of the natural processes which influence soil formation. [80m]

18. Describe and explain the main characteristics of **one** biome that you have studied. [80m]

2007

Section 3 – Q 16, 17, 18

16. Examine how over-cropping / over-grazing and desertification can affect soils.
[80m]
17. Examine the general composition and characteristics of any **one** soil type that you have studied.
[80m]
18. Describe how plant and animal life adapt to soil and climatic conditions in a biome which you have studied.
[80m]

2006

Section 3 – Q 16, 17, 18

16. Examine the factors that influence soil characteristics. [80m]

17. Examine the main characteristics of a biome that you have studied. [80m]

18. Assess the impact of human activity on a biome that you have studied. [80m]