

Foundation Separate version — Higher Tier (★) questions removed.

**Q1. Describe FOUR negative consequences of deforestation.**

[4 marks]

---

---

---

---

---

---

---

---

**Q2. Describe the process of eutrophication. Explain how it results from agricultural practices.**

[4 marks]

---

---

---

---

---

---

---

---

---

**Total: 8 marks**

**Q1 (4 marks)**

*Describe FOUR negative consequences of deforestation.*

- Habitat destruction → loss of biodiversity and species extinction [1]
- CO<sub>2</sub> release: burning trees → increased atmospheric CO<sub>2</sub> → global warming [1]
- Reduced rainfall: trees absorb and release water — deforestation disrupts water cycle [1]
- Soil erosion: tree roots no longer bind soil → topsoil washed away in rain [1]

**Q2 (4 marks)**

*Describe the process of eutrophication. Explain how it results from agricultural practices...*

- Fertilisers (nitrates/phosphates) applied to farmland run off into water bodies [1]
- Algal bloom: algae grow rapidly on surface → block sunlight from aquatic plants [1]
- Plants die → bacteria decompose → use up dissolved oxygen [1]
- Aquatic animals (fish) suffocate → ecosystem collapsed [1]