

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

Q1. Explain how speciation occurs through geographic isolation.

[4 marks]

Total: 4 marks

Q1 (4 marks)

Explain how speciation occurs through geographic isolation.

- Geographic barrier divides population → two isolated groups [1]
- Different selection pressures in each environment [1]
- Different alleles selected → populations diverge genetically [1]
- Eventually cannot interbreed even if reunited → new species [1]