

2002 HIGHER SCHOOL CERTIFICATE EXAMINATION  
**Biology**

**Section I – Part B (continued)**

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	<b>Marks</b>
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**Question 25 (4 marks)**

- (a) Define the concept of *punctuated equilibrium* in evolution. **1**

*This is when animals of different species have the same genes may be sex-linked.*

- (b) How does punctuated equilibrium differ from the process proposed by Darwin? **3**

*Darwin's theory of evolution is natural selection which is animals evolving to be different due to adaptations to their surroundings, punctuated equilibrium differs from Darwin's theory as it is sexually linked and it has a greater change of species evolving to be different.*

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