2002 HIGHER SCHOOL CERTIFICATE EXAMINATION Biology

Section I – Part B (continued)

Question 25 (4 marks)

Marks

(a) Define the concept of *punctuated equilibrium* in evolution.
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Peters to a rapid Maye in a species
Marackeistics followed by an excluded period of stasis.

How does punctuated equilibrium differ from the process proposed by Darwin? 3 (b) reiderof puctiated equilibrium was developed to help explain endution. Some scientist sur that a mar viable ider vas that a Manye wall occur an ariand at this charge noded remain ucharged to a estudied parial. Down son that eroltin half take may withing of yours and that a anicals was changing very slowly as selection pessies an agents charged an the. Protected equilibrium lefes to explain archain by stating that a change ins follow by stasis.