ONTARIO BIOLOGY, GRADE 11, UNIVERSITY PREPARATION (SBI3U) · UNIT B · 5 QUESTIONS

Evolution — Practice Test

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1

Convergent evolution produces

A homologous structures

B analogous structures

C identical DNA sequences

D the same species

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2 **A honeybee collects nectar on a bright yellow flower. The peppered moth example shows selection changing because**



A moths chose to change colour

B moths migrated

C pollution changed tree bark colour, changing which moths were camouflaged

D birds stopped eating moths

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3 **Which statement about evolution is correct?**

A Individual organisms evolve during their lifetimes

B Evolution always makes organisms more complex

C Evolution has a planned goal

D Populations evolve over generations

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4 **The Hardy Weinberg principle describes a population that is**

A not evolving, when certain conditions are met

B evolving rapidly

C always small

D always isolated

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5 **One condition for Hardy Weinberg equilibrium is**

A strong selection

B no mutation

C small population size

D frequent migration

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B

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