

Question Number	Answer	Additional guidance	Mark
<b>6(a)</b>	<p>The correct answer is B endemic</p> <p><i>A is incorrect because the correct term is endemic</i></p> <p><i>C is incorrect because the correct term is endemic</i></p> <p><i>D is incorrect because the correct term is endemic</i></p>		<b>(1)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(b)</b>	<p>An answer that makes reference to the following:</p> <ul style="list-style-type: none"> <li>• anatomical (adaptation) (1)</li> <li>• physiological (adaptation) (1)</li> <li>• anatomical (adaptation) (1)</li> </ul>		<b>(3)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(c)</b>	<p>An answer that makes reference to the following:</p> <ul style="list-style-type: none"> <li>• {poison / skin colour/ spots} deters predators / reduce risk of predation (1)</li> <li>• adhesive discs allow the frog to {climb / cling to} surfaces (to find food) (1)</li> </ul>	<p>Accept reduce risk of being eaten / protects frog from predators Ignore camouflage</p> <p>e.g. trees / leaves</p>	<b>(2)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(d)</b>	<p>An answer that makes reference to four of the following:</p> <ul style="list-style-type: none"> <li>• (genetic) mutation(s) occurred (1)</li> <li>• (new) <b>allele</b> coding for poison production (1)</li> <li>• (which then) conferred a selective advantage / (those with poison) more likely to {survive and reproduce / pass alleles to offspring} (1)</li> <li>• (therefore) increasing <b>allele</b> frequency (1)</li> <li>• (resulting in) new species of frog with the ability to produce poison evolved (1)</li> </ul>	<p>Ignore genes</p> <p>Accept those without the {mutation / poison / advantageous allele} were less likely to survive and reproduce</p>	<b>(4)</b>