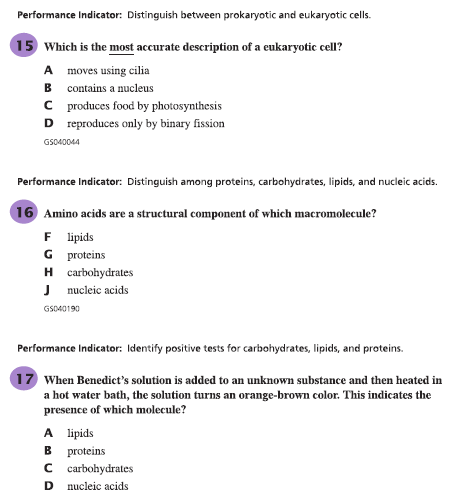
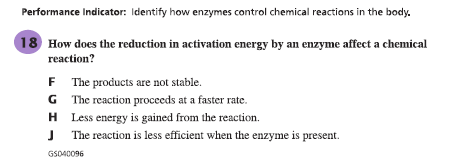
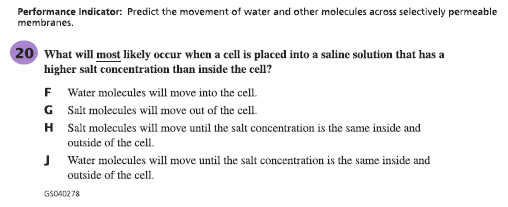
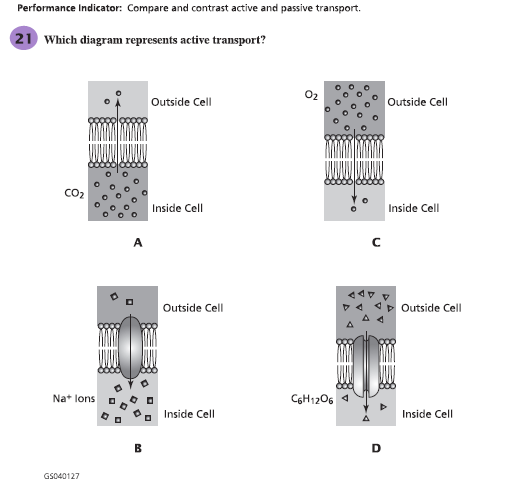
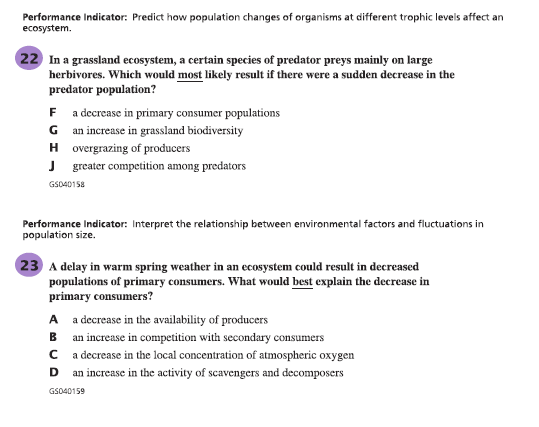
**ECA Review #2**

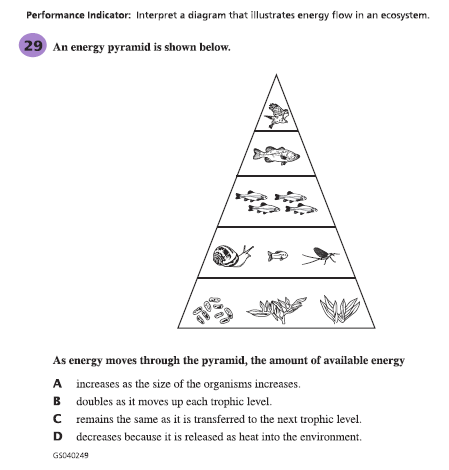
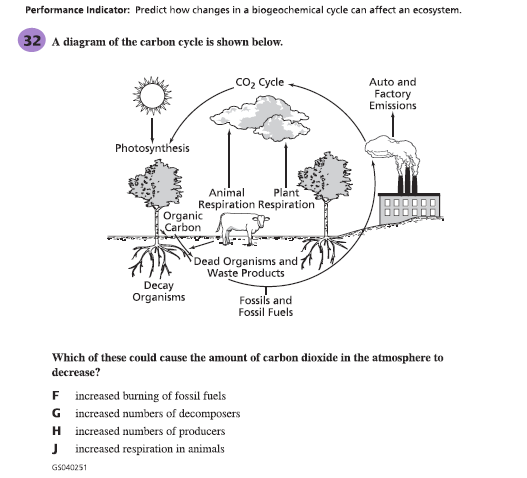


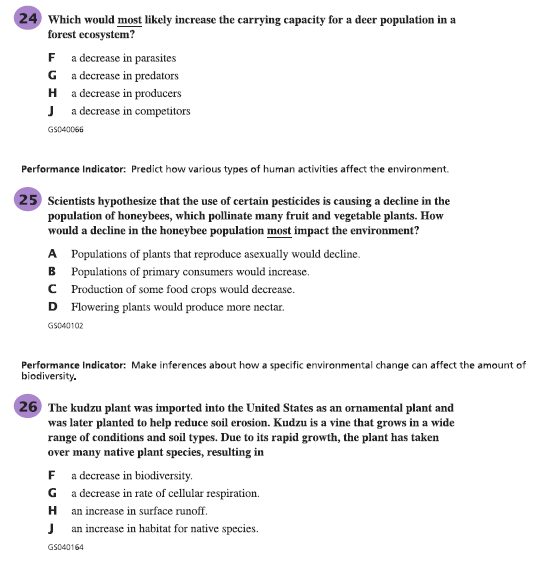


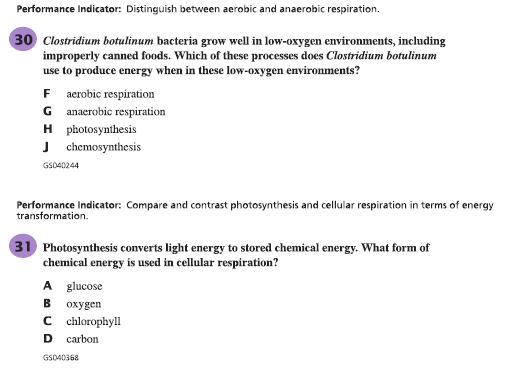


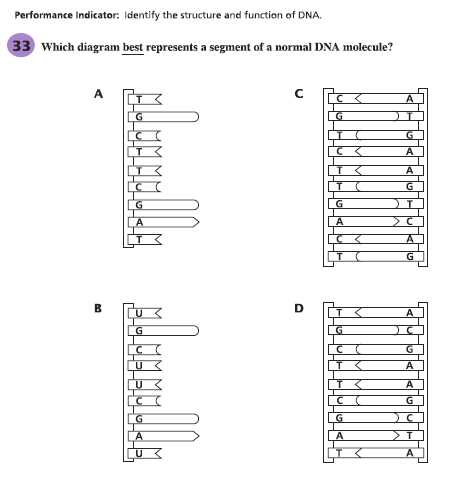
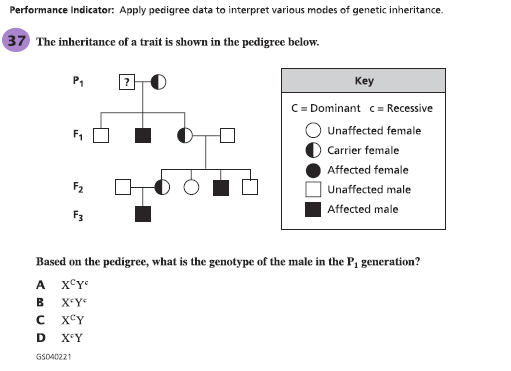


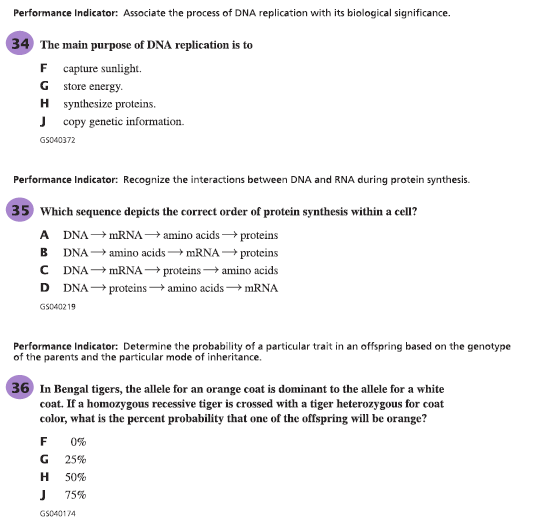


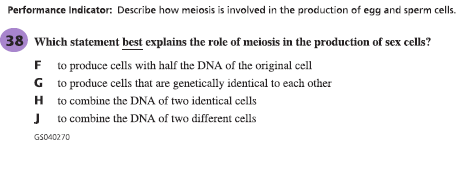
 

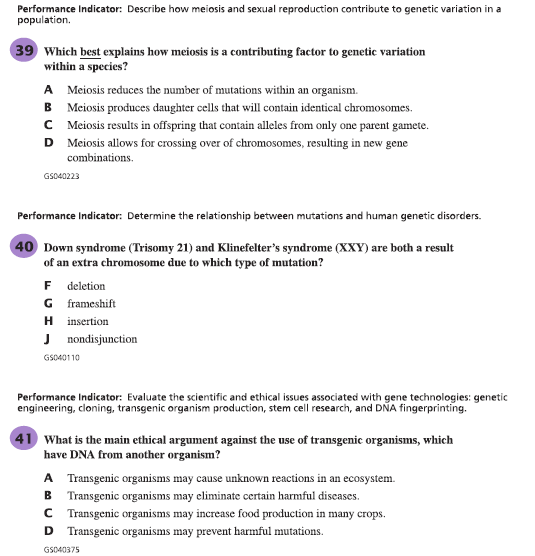
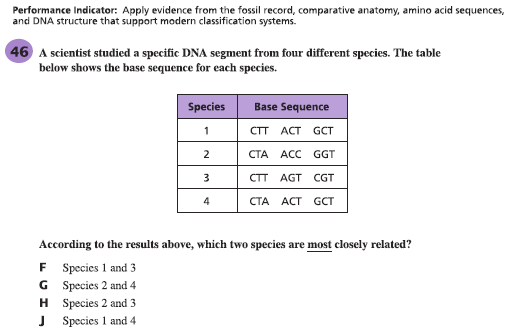


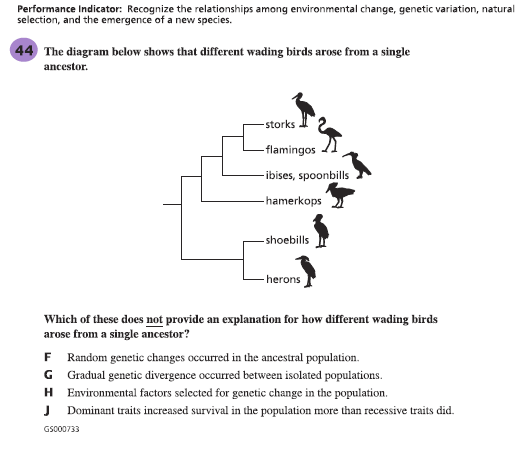
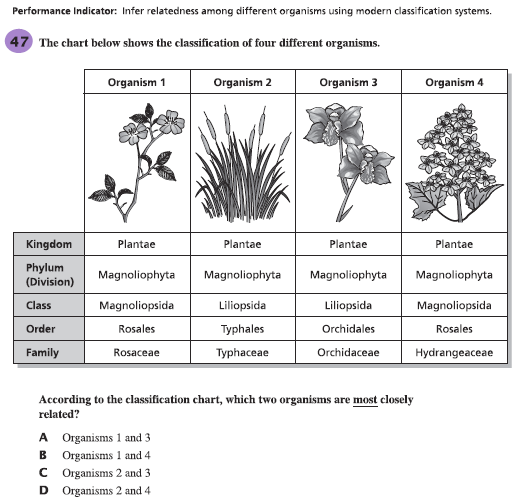






The stomach contains enzymes that aid in digestion and that are active within a small pH range.

Describe what would happen to the enzyme’s FUNCTION in the pH was outside this range.

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Describe what would happen to the enzyme’s STRUCTURE if the pH was outside this range.

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Explain 2 evidences for evolution. Give examples of how that evidence supports the theory of evolution.

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Below is a sequence of bases that make up a segment of DNA.

**A A C T A C A G T C T A C C A T A C**

When this segment of DNA is translated into mRNA, how many codons would be represented in this segment?

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How are codons used in the process of protein synthesis?

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