1. **Gene mutations are caused by errors that occur during DNA replication. Gene mutations can prevent the production of the protein that the gene normally codes for.**

a) Describe what a gene mutation is.

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b) When do gene mutations occur?

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c) Give an example of a mutagenic agent that could interfere with DNA replication and cause a gene mutation.

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**2. There are different types of mutations. Name and describe 4 types of mutations.**

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