**Question 1**

**Select ALL that apply:**

**What characteristics are shared between Prokaryotic Genomes and Organelle Genomes?**

Linear DNA

Circular DNA

mRNA produced is monocystronic

DNA has few non-coding regions.

DNA is found in the nucleus

**Question 2**

**True or False:**

**Organelles possess all the DNA they need to function independently.**

True

False

**Question 3**

**True or False:**

**Genetic Incompatibility arises when there is a negative interaction between genes/mutations in organelle DNA and nuclear DNA.**

True

False

**Question 4**

**True or False:**

**All mutations in organelle genomes are deleterious and offer no benefit to the plant.**

True

False