1. What term is used by biologists to describe differences within a population with respect to features such as height?

**Variation**

1. True or False. Organisms of the same species can usually produce fertile offspring.

**TRUE**

1. Explain the following terms as used in genetics: species, variation.

Species**: interbreeding results in fertile offspring;** Variation**: difference between members of species or population**

1. Give one cause of genetic variation.

**Sexual reproduction / meiosis / mutation or named agent of mutation, e.g. radiation, chemicals (formaldehyde), etc.**

1. Genetics is the study of ...

**Inheritance** or **heredity** or **chromosomes** or **genes** or **DNA**

1. Explain the term species.

**Interbreeding organisms / producing fertile offspring**

1. Within a species a considerable degree of variation is usually seen. What is meant by variation?

**Differences (between individuals)**

1. What is meant by the term species?

**(Group of) interbreeding (organisms) / (Group) producing fertile offspring**

1. In genetics, what is meant by the term variation?

**Differences within a population or within a species or between individuals**