

Chapter 2. Study Questions

1. Which type of cell division results in the expansion of the plant body?
2. What are two sources of seedling variation that occurs during meiosis?
3. What are the five naturally occurring plant growth regulators?
4. What are the four basic phases of development in the seedling life cycle?
5. What are the five areas in the plant where mitosis takes place as part of the growth of the plant body?
6. What is the name of the process by which a zygote develops directly from a vegetative cell within the ovule?
7. What do we call the class of naturally occurring chemicals that regulate plant growth and development?
8. What do we call the class of chemicals applied externally that can be used to regulate plant growth and development?
9. What is the role of Ethylene in propagation?
10. What type of legal protection offers protection for a specific name that indicates the specific origin of plant or product?