

Angiosperm Reproduction and Biotechnology

Chapter 38

1. Explain the difference between the gametophyte and sporophyte generation.
2. What is meant by alternation of generations?
3. Be familiar with the anatomy of the flower.
4. Why are angiosperms termed "covered seed" plants?
5. Describe the development of the male and female gametophytes.
6. Describe pollination and double fertilization.
7. What part of the flower forms the fruit?
8. What part of the flower forms the seed?
9. How is seed dormancy an evolutionary adaptation?
10. Explain the steps involved in a seed becoming a seedling.
11. What is vegetative propagation and why is it useful in agriculture?
12. What are the risks and benefits of monoculture?