

Question Paper: Biology

1. Define Parthenogenesis. Give one example of an organism that exhibits this phenomenon.
2. Differentiate between primary and secondary succession. Give one example for each.
3. Explain the significance of the "critical period" during embryonic development.
4. State two differences between active and passive immunity.
5. What are the two key functions of the placenta?
Describe the role of Restriction enzymes in recombinant DNA technology.
6. What is commensalism? Give one example of a commensal relationship.
7. Explain the concept of 'linkage' with respect to genes. What effect does it have on inheritance patterns?
8. State two differences between spermatogenesis and oogenesis.
9. What is eutrophication? How can it affect the aquatic ecosystem?