

Practice Challenge - Subjective

Subject: Bio

Topic : Heredity and Evolution
Exam Prep Session 01

Class: X

Time: 00:20 hrs

1. How do Mendel's experiments show that traits may be dominant or recessive?
2. How do Mendel's experiments show that traits are inherited independently?
3. Explain how sexual reproduction gives rise to more viable variations than asexual reproduction. How does this affect the evolution of those organisms that reproduce sexually?
4. How is the sex of the child determined in human beings?
5. Define dominant and recessive traits.
6. Define inheritance and heredity.
7. Define
 - (i) Law of segregation
 - (ii) Law of independent assortment
 - (iii) Law of dominance
8. A certain couple got only four daughters in a row and no son. Does it mean that the husband does not produce Y-bearing sperms? Explain.