



3. What is the probability that in a family of six children two will be boys and four will be girls.

a) In that order?

b) In any order?

4. Define the following terminologies giving suitable examples:

Cross

Carrier

Factor

Phenotype

5. Discuss structure, functions and distribution of ribosome.

8. Giving a specific examples distinguish multiple alleles from pseudo alleles

1. Discuss ways sex is determined by chromosomes
2. Describe the law of inheritance Gregor Mendel proposed
3. Describe the structure, distribution and functions of mitochondria