

CLASS-Xth,subject-biology ut2

Chapter-heredity and evolution

Q1)Do all variations in a particular species have equal chances of survival in an environment?

Q2)Give scientific terms for;

a)the similarities with parents present in an offspring.

b)the differences with parents present in an offspring.

Q3)When is a recessive trait capable of expressing itself?write its expression with respect to height of plant(genotype).

Q4)When a pesticide is sprayed on a population of insects,all insects do not get killed but few of them survive.give reason.

Q5)In a mendeliancross,tall plants and purple flowers were crossed with dwarf plant and white flowers.How would you denote-----

a)the genotype pf the two parents.

b)the genotype and phenotype of F1 progeny.

c)the results obtained by selfing F1 progeny to get F2 progeny.give the ratio obtained in F2 generation.