Biology (New Book) - 10th Class Biology English Medium Chapter 15 Preparation

Q1. What is homologous pair or chromosomes?

Ans 1: Two chromosomes, which are similar in their shape, size and position of centromere, make one homologous pair.

Q2. In which condition RBCs are decreased in numbers ?

Ans 1: Anemia or anemic condition

Q3. Who presented the model of structure of DNA and what is its structure of DNA ?

Ans 1: James Watsons and Franc's of DNA in the model for structure of DNA in 1953 . They gave the double helix structure DNA

Q4. What is the base sequence of DNA ?

Ans 1: Arrangements of nitrogenous bases in a linear order in DNA molecule is called base sequence

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Q5. What is the unit of DNA.

Ans 1: Deoxyriboncleotide.

Q6. What is genotype?

Ans 1: The genetic makeup of an individual is called its genotype.

Q7. What are autosomes ?

Ans 1: Autosomes do not carry any sex determining gene . All chromosomes other than sex chromosomes are called autosomes . The genes on autosomes determines autosomal traits

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Q8. What is punnett square ?

Ans 1: It is a simple method for tracking the kinds of gametes and their all possible combinations at fertilization . Each block of square represents a possible combination of alleles . It was proposed by a British mathematician named punnett

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Q9. What is multiple alleles?

Ans 1: More than two alternative form of a gene are called multiple alleles.

Q10. Define alleles?

Ans 1: Partners of a gene pair are called alleles.