

Biology - 10th Class Biology English Medium Chapter 10 Preparation

Q1. Define asexual reproduction ,name its types .

Ans 1: Asexual reproduction does not involve the fusion of gametes

- 1: Binary fission
- 2: Fragmentation
- 3: Budding
- 4: Parthenogenesis
- 5: Vegetative propagation
- 6: Spore formation

Q2. What is genome ?

Ans 1: The total amount of genetic material in a chromosomes set of an individual is called its genome

Q3. What are endospores ?

Ans 1: Spores formation also occur in bacteria such as clostridium and bacillus species . These bacterial spores are called endospores . They are thick walled and are formed under unfavorable conditions

Q4. What is the percentage of HIV infected people in Pakistan ?

Ans 1: According to UNAIDS estimates , some 70,000 to 80,000 persons , or 0.1 percent of the adults population in Pakistan , are infected with HIV

Q5. What is stomata?

Ans 1: These are small openings which are present in the leaves and young stem epidermis. These help in exchange of gases

Q6. What is the significance of reproduction ?

Ans 1: Reproduction is thus essential for the continuation of species . It ensures that the genetic material of one generation is transmitted to next

Q7. Define multiple alleles.

Ans 1: More than two alleles of a particular gene are called multiple alleles

Q8. Define crossing over .

Ans 1: An exchange of segments between non-sister chromatids of homologous chromosomes occurs at the chiasmata . This process is called crossing over

Q9. What is the disadvantage of vegetative propagation?

Ans 1: The plants do not have genetic variations. Specific diseases can attack and this can result in the destruction of an entire crop.

Q10. What are corns ? Give example .

Ans 1: Corns are short and swollen underground stems contain stored food . Buds are present at the top of the corn . From a bud shoot grows and form a new plant . Dasheen and garlic reproduce by corns
