

1. Commensalism
2. Restriction endonuclease
3. Cry gene.
4. Silencing of a specific mRNA using a dsRNA. The dsRNA molecule binds to mRNA and prevents

translation of mRNA of the pathogen.

5. Is a collection of methods that allows correction of gene defects diagnosed in a child or embryo. ADA deficiency is caused due to deletion of

the gene for the enzyme deaminase synthesis.

6. Plasmid DNA

1. Extra chromosomal DNA Chromosomal

2. Circular linear.
3. In bacterial cell In all cells.

7. Intra specific and intra specific competition.

8. (b) Intra specific competition. It is more severe because all the members of the species have similar requirements of food, habitat, mate etc.

8. DNA is a hydrophilic molecule. The cell which is taking up of alien DNA is called competent host.

9. Predation is the relationship between predator and prey.
 - (a) Tiger and deer
 - (b) Rabbit and plants
 - (c) Plants and man
 - (d) Insects and insectivorous plants.

