PM SHRI KENDRIYA VIDYALAYA DHARMAPURI

Class: XII HOLIDAY HOME WORK.

Biology

1. What is Bt toxin? Name the bacterium that produces it.
2. Name the first transgenic cow? What was special about its milk.
3. Expand GEAC. What is its role in India?.
4. How is Genetically engineered insulin produced today?.
5. Describe the process of RNA interference (RNAi) and its role in crop protection.
6. A child is suffering from ADA deficiency.
   (a) which type of therapy can help.
   (b) Explain how this therapy works.
7. Draw the population growth curve.
8. Make a chart on "Population Interactions in

Natural with pictures / examples.

9. What is Allen's rule? Give one example.

10. State Gause's competition exclusion principle.?