

## **Question Bank – Plant Biotechnology**

### Unit 3: Applications of Biotechnology

1. What are genetically modified crops? Discuss any two genetically modified crops in detail
2. Give the applications of genetic engineering in development of disease resistant plants.
3. Discuss in detail- Bt cotton.
4. Discuss any two transgenic crops with improved nutritional quality traits.
5. Discuss genetically modified Moondust Carnations
6. What is the difference between vaccines and edible vaccines.
7. Discuss the technique for developing pest resistant plants.
8. Discuss glyphosate resistant plants with suitable example.
9. Discuss the advantages and disadvantages of genetically modified plants.
10. Explain the bioethical issues in relation to genetically modified plants.
11. Discuss the role of microbes in the production of enzymes and pharmaceuticals.
12. Describe and discuss any two realized applications of plant biotechnology in agriculture.
13. Discuss the role of transgenics in bioremediation.
14. What are recombinant vaccines? Discuss with suitable examples