**Question Bank-7**

**Course- B.Sc. Biotechnology 6th Semester, B.Sc. CBZ 6th Semester**

**Subject: Genetics & Plant Breeding**

 **Topic: Crop Improvement**

1. **Multiple Choice Questions:**
2. What is related to genetic engineering?

a) Plastid

 b) Plasmid

c) Heterosis

 d) Mutation

1. Cry or Bt genes are obtained from
2. Cotton pest
3. Tobacco plant
c) *Bacillus thuringiensis*

d) *E. coli*

1. Transgenic plants are developed by
2. Introducing foreign genes
3. Introducing gene mutations
4. Deleting certain chromosome parts
5. Stopping spindle formation
6. The most common solidifying agent used in micropropagation is
7. agar
8. dextran
9. mannan
10. All of these
11. The culturing of cells in liquid agitated medium is called
12. Liquid culture
13. micropropagation
14. agar culture
15. suspension culture
16. Artificial seeds are. ...
17. The variation in *in vitro* culture is called as………..
18. Cybrids are. ...
19. Haploid cultures can be produced in large number by. ...
20. Ellicitors are…………….
21. **Short Questions**
22. What are undesirable effects of plant breeding?
23. What are major achievements of plant breeding in India?
24. Who identified terminator gene?
25. What is terminator gene?
26. What is the significance of Gossypium harknessii in cotton?
27. Who is known as the father of Indian green revolution?
28. What is introgressive breeding?
29. What is physiological crop breeding?
30. What is maintenance breeding?
31. What is molecular breeding?
32. What is transgenic breeding?
33. **Long Questions**
34. Discuss on biofortificatio.
35. Comment on golden rice.