



BIOLOGY

BOOKS - SARAS PUBLICATION

PRINCIPLES AND PROCESSES OF BIOTECGNOLOGY



1. Define zymology.

2. What is a bioreactor ?
Watch Video Solution
3. Define upstream process.
Watch Video Solution
4. Define downstream process.
Watch Video Solution

5. What are primary metabolites ? Give example.

Watch Video Solution

6. What are secondary metabolites?

7. What are restriction enzymes or molecular scissors?

Watch Video Solution

8. What is symmetric cuts?

Watch Video Solution

9. What are DNA ligases?

10. What	is	vector?	
-----------------	----	---------	--

Watch Video Solution

11. Define origin replication.

Watch Video Solution

12. What is selectable marker?

13. What are transposons?

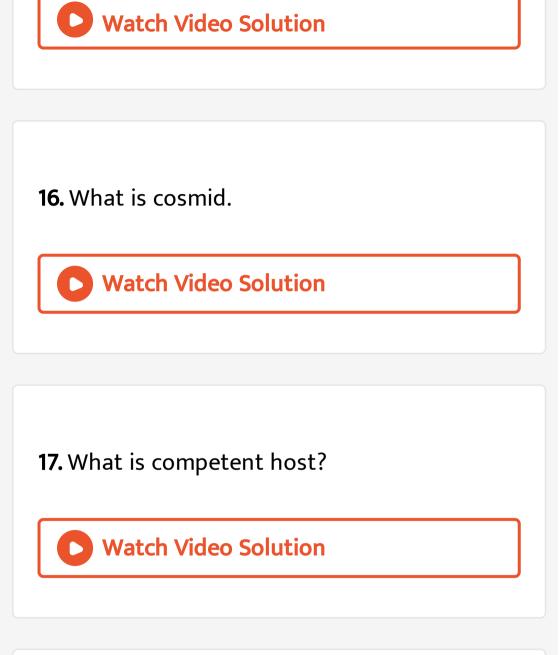
Watch Video Solution

14. What are the walking genes (or) jumping

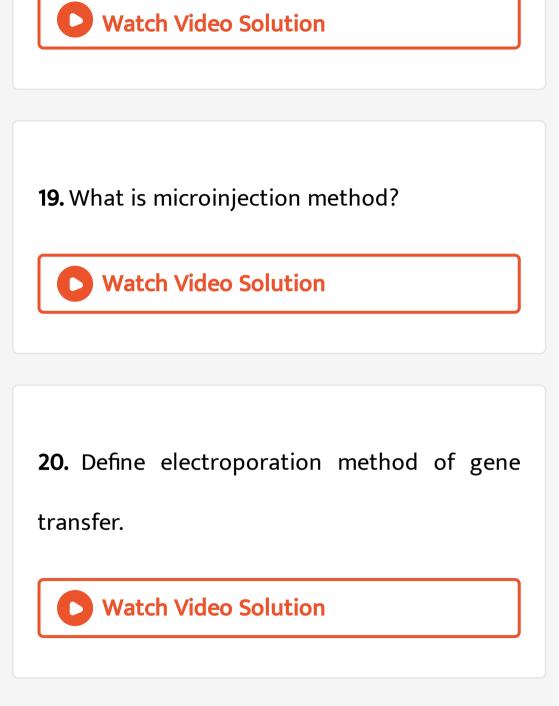
genes?

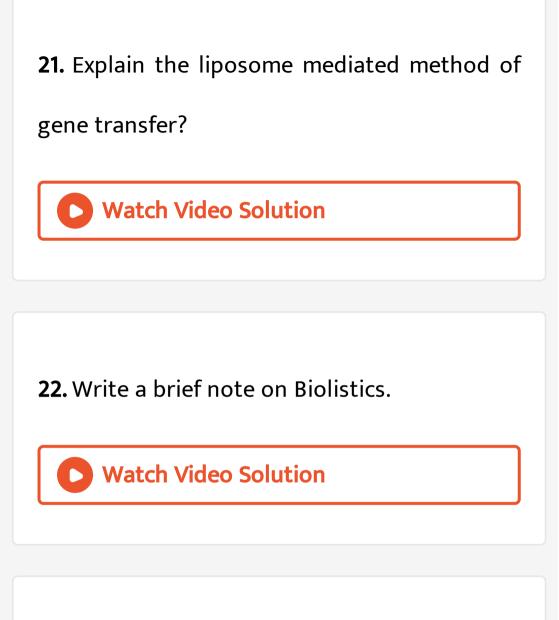


15. What are expression vectors.



18. What is chemical mediated gene transfer?





23. What is antibiotic resistant markers ?

24. Define Electrophoresis

Watch Video Solution

25. Define blotting technique.

Watch Video Solution

26. Explain Southern blotting techniques .

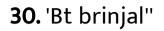
27. What is Northern blotting?



28. What is Western blotting?

Watch Video Solution

29. What is RNA interference ?

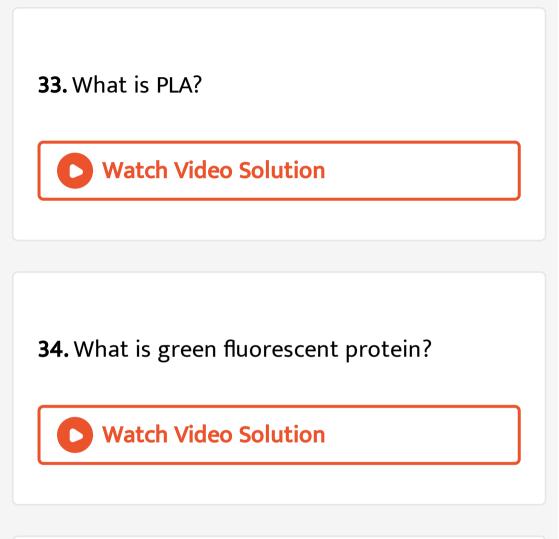


Watch Video Solution

31. What is DMH?

Watch Video Solution

32. Find out from internet what is golden rice.



35. Define endonucleases.

36. Define genome.

Watch Video Solution

37. Define phagemid.

Watch Video Solution

38. What is restriction map?

39. Define shuttle vector.

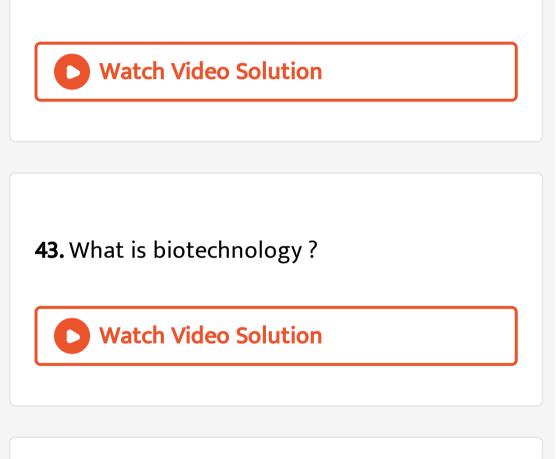


40. What is Taq polymerase?

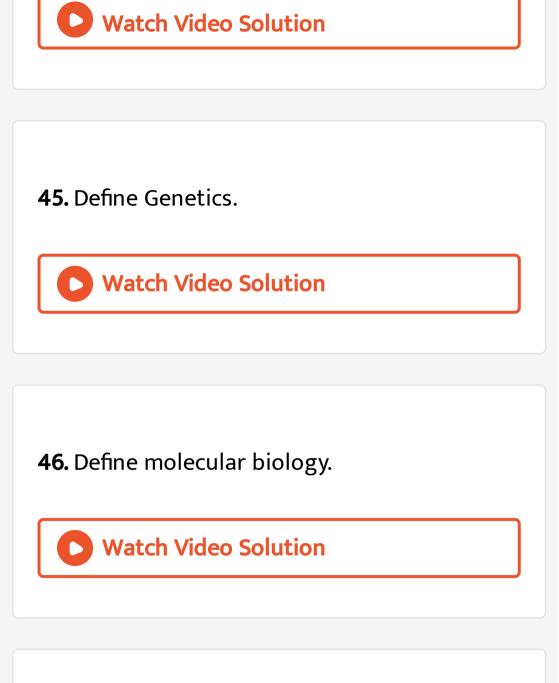
Watch Video Solution

41. Define bioleaching.

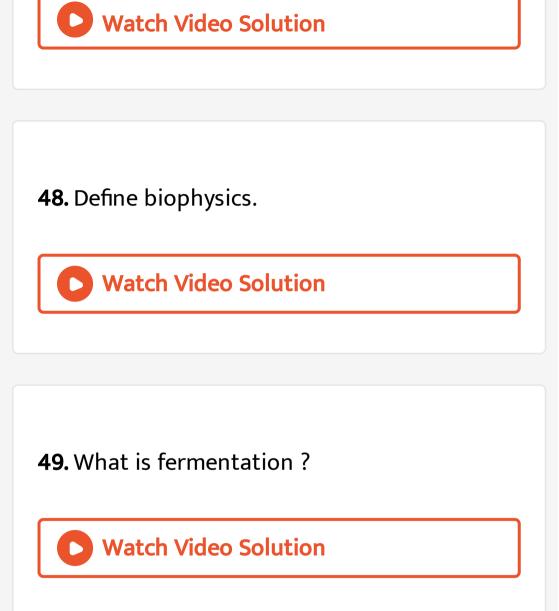
42. What is Phytoremediation?



44. Write a short note on convertional biotechnology.



47. Define bioinformatics.



50. What are single cell proteins? List out its

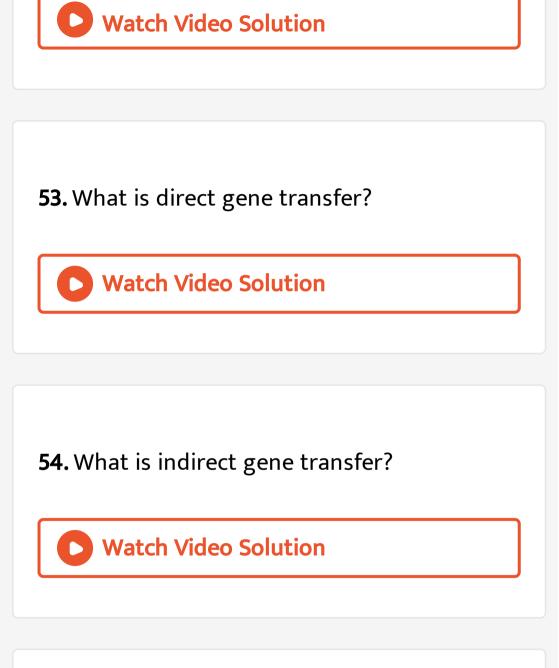
uses?



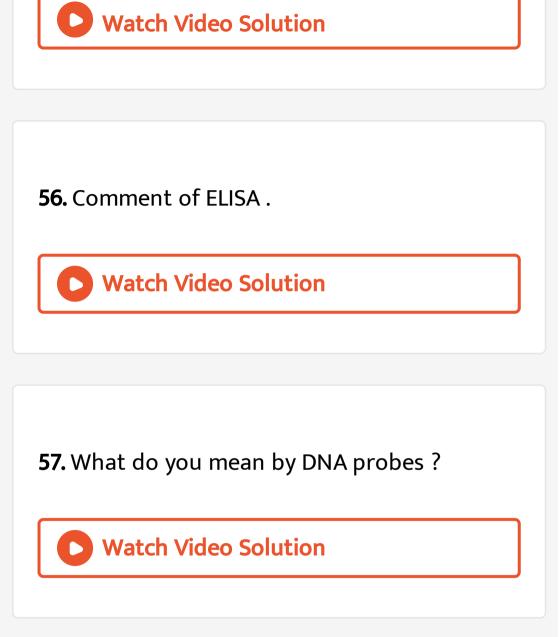
51. What is meant by recombinant DNA

technology?

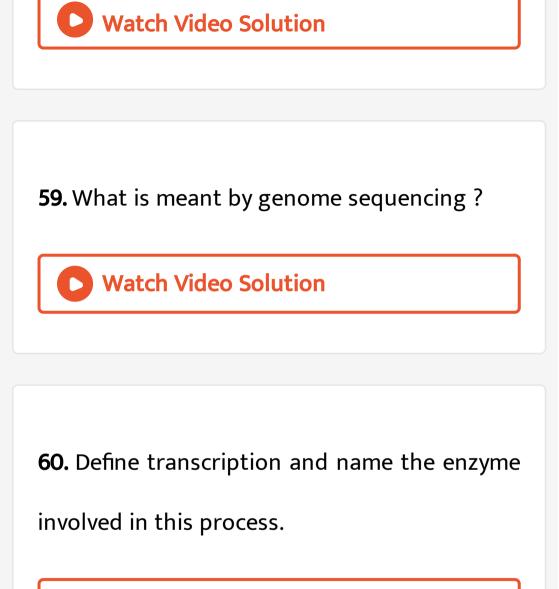




55. What is screeing of combinations?

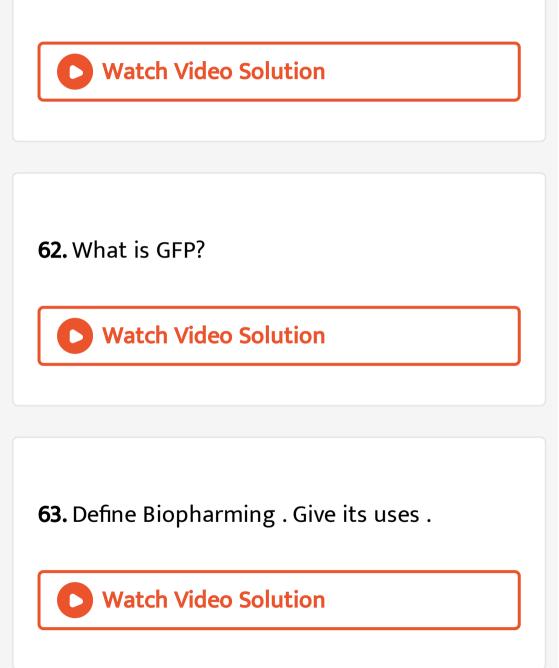


58. Define Transfection.

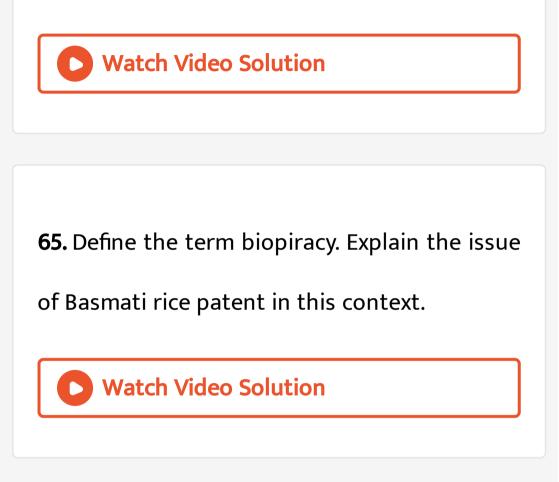




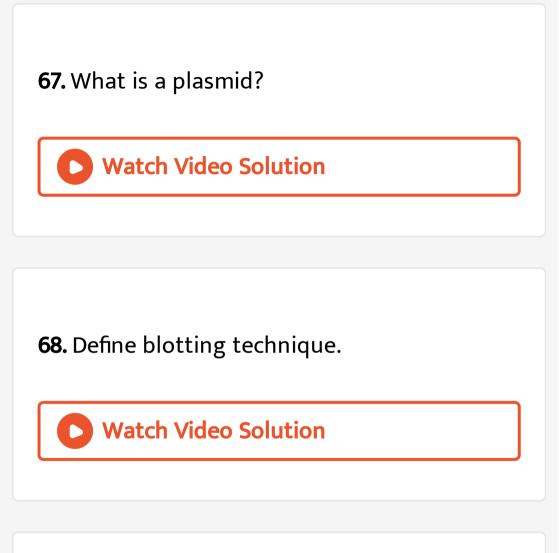
61. What is polyactic acid?



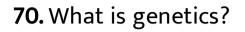
64. Write a note on bioprospecting .



66. What are palindromic repeats ?



69. What is borcode in genetics?



Watch Video Solution

71. What is genome editing?

Watch Video Solution

72. Write notes on FlavrSver tomato .

73. Compare the various types of blotting techniques.

