

- 14. Explain in detail the construction of genomic DNA library.
- 15. Out line the steps involved in Random primer labelling and add a note on its advantages and disadvantages over non radio active labelling.
- 16. Discuss the gene gun method of transformation.
- 17. Describe the principle, protocol and applicants of western blotting technique.
- 18. What are shuttle vectors? Discuss yeast artificial chromosomal vectors.