



Modern Bio-Analytical Techniques -II

Q.P. CODE: 5150

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any Three)

3 X 10 = 30 Marks

1. Describe in detail maintenance of records in BA/BE studies.
2. Explain the principle and procedure involved in the solid phase Extraction of biological fluids.
3. Describe agarose gel electrophoresis.
4. Describe the good clinical practice guidelines.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. What are the facilities required to conduct BA/BE studies.
6. What are the goals and objectives of GCP.
7. Explain the merits and demerits of SPE.
8. Write a note on SPE sorbents.
9. Explain Protein precipitation.
10. Briefly explain the factors affecting the separation of biomolecules by gel electrophoresis.
11. Write the principle involved in the liquid extraction.
12. Explain the sample collection methods for different biological systems.
13. Explain briefly the documentation of GCP practice.
14. Write a note on safety considerations in extracting from biological media.

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