MSc – Bioinformatics – Paper 2 – Unit II – Functional Genomics

Question Bank:

Short Notes – 5 Marks (each)

Q1. Explain Functional Genomics w.r.t it's applications.

Q2. What is cDNA? Explain the protocol for cDNA generation.

Q3. What is clustering? Explain Hierarchical clustering and it's types.

Q4. What are EST's? Explain the protocol for EST generation.

Q5. Explain the steps for EST clustering.

Q6. Short note on UNIGENE Database.

Q7. What are sequence tagged sites (STS)? Explain the protocol for STS generation.

Q8. What is Serial Analysis of Gene Expression (SAGE)? Explain the protocol for SAGE generation.

Q9. Short note on dbEST.

Q10. Explain Genome Expression Profile w.r.t it's applications.

All the Best!!!