

M.Sc.(Biotechnology) Second Semester Old
BT2-T007 - Paper-III : Molecular Biology & Bioinformatics

P. Pages : 1

Time : Three Hours



GUG/W/18/2208

Max. Marks : 80

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1. Describe in brief molecular mapping of genome? 16
- OR**
- a) Explain Holiday Junction in details? 8
- b) Explain Cre/Lox recombination? 8
2. What is epigenetics? Explain chromatin marketing systems of epigenetics in details? 16
- OR**
- a) Write about biochemistry of Ribozymes? 8
- b) Write a note on molecular mechanism of Antisense molecule 8
3. What are oncogenes? Explain in detail erb-B. 16
- OR**
- a) Write a note on Angiogenesis? 8
- b) Gives details on polyoma virus as a cancer causing agent? 8
4. Explain in details concept of Networking? 16
- OR**
- a) Give idea about BLAST? 8
- b) Write about windows as a operating system? 8
5. a) Write a Note on RFLP map? 4
- b) Add a note on basic concept of RNAi. 4
- c) Write a note on p53 genes? 4
- d) Write a note on genomic and proteomic? 4
