

Roll No.

Y – 3199

M.Sc. (Bio-Technology) Fourth Semester EXAMINATION,

May/June-2021

Paper – 402 (ii)

BIOINFORMATICS AND ENTREPRENEURSHIP IN BIOTECHNOLOGY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. Write short notes on any two of the following— 17
- (a) NCBI
 - (b) Google scholar
 - (c) Swiss prot
 - (d) EMBL

Unit-II

2. What is FASTA ? Discuss on the Algorithm of FASTA tools. Add note on its various programs. 17

Unit-III

3. Explain the structure based drug design. Describe various docking methods. 17

Unit-IV

4. What are the force field ? Discuss the methods of energy minimization. 17

Unit-V

5. Discuss on the small, medium and large biotechnology enterprises. 17

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