

Roll No.

Y – 3198

M.Sc. (Biotechnology) Fourth Semester EXAMINATION,

May/June-2021

Paper – 401

EMERGING TRENDS IN BIOTECHNOLOGY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. Give the detailed account of Stem cell technology. 17

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Unit-II

2. Describe the concept and methods of Proteome and Proteomics. 17

Unit-III

3. Discuss the Nanoparticles-biological array-nano probes for analytical applications. 17

Unit-IV

4. Describe the concept of Molecular Diagnostics : DNA diagnostics. 17

Unit-V

5. Discuss the applications of Biosensors in Health as well as in medicine. 17

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