

M.Sc.(Microbiology) First Semester (Old)
MB1-T001-Paper-I : Microbial Diversity & Evolution

P. Pages : 1

Time : Three Hours



GUG/W/18/2186

Max. Marks : 80

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1. Describe RNA world and molecular coding in detail. 16
- OR**
- Write Notes on
- a) Ribosomal RNA sequencing. 8
- b) Chemotaxonomy. 8
2. Write in detail about Sulfolobales and desulfolobales phylums. 16
- OR**
- Write notes on
- a) Nanoarchaeum 8
- b) Methanogens 8
3. Describe in details sulphur and iron oxidising bacteria. 16
- OR**
- Write Notes on.
- a) Planctomyces 8
- b) Verrucomicrobia 8
4. Write in detail about green and Non green sulfur bacteria. 16
- OR**
- Write Note on
- a) Thermotoga and Aquifex 8
- b) Nitrospira and Deferribacter. 8
5. Write short notes on
- a) Bacterial speciation. 4
- b) Thermoplasma. 4
- c) Cyanobacteria. 4
- d) Deinococci 4
