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PG (NEW) CBCS

M.Sc. Semester-II Examination, 2020

MMLT

PAPER: MMLT-296

PRACTICAL

(Microbiology & Molecular Biology)

Full Marks: 20 **Time: 2 Hours**

Answer any *two* questions

Each question carries 10 marks.

1. Write down the principle and procedure for enumeration of bacteria from water.
2. Write down the principle and procedure of Gram's Staining.
3. Write down the principle and procedure of Minimum Inhibitory Concentration of an antibiotic against a pathogen.
4. Write down the principle and procedure for determination of molecular weight of a protein.
5. Write down the principle and procedure of polymerase chain reaction.
6. Write down the different sterilization techniques.
7. Write down the principle and procedure of cultivation of fungi.
8. Write down the principle and procedure of agarose gel electrophoresis.

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