

[LP 1019]

OCTOBER 2019

Sub. Code: 3502

**P.G. DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY EXAMS**

**PAPER II – MICROBIOLOGY & PATHOLOGY**

*Q.P. Code : 363502*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Cultivation of viruses in detail.
2. Life cycle, lab diagnosis, clinical features and prevention of Malaria.

**II. Write notes on:**

**(10 x 6 = 60)**

1. External morphology of bacteria.
2. Principle and uses of hot air oven.
3. Pasteurization and filtration.
4. Classify bacteria based on staining.
5. Cultivation of Mycobacteria.
6. Types of Escherichia coil.
7. Superficial mycoses.
8. Characteristics of CSF.
9. Beta hemolytic Streptococci.
10. Liver fluke.

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