

[LJ 1016]

OCTOBER 2016

Sub. Code: 1262

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS  
SECOND YEAR  
PAPER II – SYSTEMIC BACTERIOLOGY, VIROLOGY AND  
MYCOLOGY**

*Q.P. Code: 281262*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Replication modes of viruses.
2. Biochemical tests useful for diagnosis of bacterial infections.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Diphtheria immunization.
2. Morphology and culture characteristics of *Neisseria meningitides*.
3. Interferons.
4. Rabies diagnosis.
5. Candidiosis.
6. Transmission of arboviruses.
7. Real Time PCR.
8. Trichophyton.
9. Antifungal agents and their mechanism.
10. Diagnosis of fungal infections.

\*\*\*\*\*