

[LF 1014]

OCTOBER 2014

Sub. Code: 1503

**M.Sc., REGENERATIVE MEDICINE  
(2013-2014 Batch onwards)  
FIRST YEAR  
PAPER III – MICROBIOLOGY, PATHOLOGY AND IMMUNOLOGY**

*Q.P. Code : 281503*

**Time : Three hours**

**Maximum : 100 marks**

**I. Elaborate on :**

**(2 x 20 = 40)**

1. Sterilisation methods and setting up a lab for cell culture.
2. Auto immune disorders and their laboratory diagnosis.

**II. Write notes on :**

**(10 x 6 = 60)**

1. Eschericia coli contamination of cell culture
2. Mycoplasma
3. HIV – Laboratory diagnostic methods
4. Laboratory diagnosis of candida
5. Stages of wound-healing
6. Pathology of infarction
7. Laboratory diagnosis of tuberculosis
8. Mediators in Acute inflammation
9. Hypersensitivity reactions
10. Tissue matching in transplantation

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