

[LF 540]

AUGUST 2014

Sub.Code :4061

**SECOND YEAR M.B.B.S. DEGREE EXAM
PAPER III – GENERAL MICROBIOLOGY, IMMUNOLOGY AND
SYSTEMATIC BACTERIOLOGY**

Q.P. Code: 524061

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2x7.5=15)

1. Discuss the Laboratory diagnosis of Syphilis
2. Define Sterilization. Discuss the methods of sterilization by Heat.

II. Write Notes on:

(10 x1.5=15)

1. Bacterial Growth curve
2. Transport Media
3. Plasmids
4. Active immunity
5. Coombs test
6. Allograft Rejection
7. Agglutination reaction
8. Mechanisms of autoimmunity
9. Bacillary dysentery
10. Satellitism

III. Short Answers on:

(10 x1=10)

1. What is milk ring test? Give the use of this test.
2. Name four bacterial zoonotic infections.
3. Name four bacteria that cause food poisoning
4. Name four autoimmune disorders
5. What are the cells involved in phagocytosis?
6. What is Bile solubility test? Describe its principle.
7. Mantoux test.
8. What is the causative agent of relapsing fever? What are the two types?
9. What are the diseases caused by mycoplasma?
10. Describe Neill-Mooser reaction
