

[LN 0818]

AUGUST 2018

Sub. Code: 2602

**B.Sc. RESPIRATORY THERAPY  
FIRST YEAR  
PAPER II – MICROBIOLOGY AND PATHOLOGY**

*Q.P. Code: 802602*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define sterilization. And notes on physical methods.
2. Discuss in detail the morphology, pathogenesis and Lab diagnosis of Mycobacterium tuberculosis.
3. Describe in detail about cell injury.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Chemical method of sterilization.
2. Apoptosis.
3. Complication and treatment of Enteric fever.
4. Atrophy.
5. Different types of bacterial toxin.
6. Swine flu.
7. Acute inflammation.
8. Community acquired pneumonia.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Scarlet fever.
2. Arteriosclerosis.
3. Disease of Pleura
4. Oral thrush
5. Gram negative bacilli.
6. Define Hospital acquired infections.
7. Stages of chronic inflammation.
8. Function of lymphatics .
9. Define Bacteraemia and Septicaemia.
10. Hyperplasia.

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