

[LM 0218]

FEBRUARY 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. Write in detail about the bacterial anatomy with suitable diagram.
2. What is chemical sterilization? Discuss its classification and some common agents used in hospital setup.
3. Explain in detail about chronic obstructive lung disease.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Bacterial Flagella.
2. Necrosis.
3. Name the causative agents of Tuberculosis. Discuss why it is endemic in our country and list the preventive measures undertaken?
4. Explain about chronic inflammation.
5. Write about agents causing Respiratory infections.
6. Cell death.
7. Define sterilization. Explain in detail about "Hot air sterilization", with neat labelled diagram.
8. Disease of Pleura.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. What is the role of health care workers in preventing transmission of infections?
2. Causes of cell injury.
3. Types of cellular adaptations.
4. Any two functions of infection control committee.
5. Gram's stain.
6. Congenital anomalies of lung.
7. Bacille Calmette Gurein.
8. Define obstructive lung disease.
9. Cold sterilization.
10. Define Reversible cell injury.

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