

[LP 0819]

AUGUST 2019

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 Disinfection. Ennumerate the disinfectants used in hospitals and discuss in detail about gaseous disinfection.
2. Elaborate on bacterial anatomy with suitable diagram.
3. Define Gangrene. Write in detail about the types of gangrene.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Lab diagnosis of tuberculosis.
2. Aspergillus
3. Write in detail about coal workers pneumoconiosis.
4. Different types of bacterial toxins.
5. Acquired immunity.
6. Hospital acquired pneumonia.
7. Define necrosis. What are the types of necrosis?
8. Apoptosis.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Thrombophlebitis
2. Etiology of Empyema.
3. Pneumothorax.
4. Hazards of smoking.
5. Bronchogenic carcinoma.
6. Irreversible cell injury.
7. Classify bacteria based on their shape.
8. Revised National Tuberculosis Control Programme.
9. Negative staining.
10. Bacille Calmette Gurein.

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