

[LH 0815]

AUGUST 2015

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. Classify the prokaryotic and Eukaryotic Microorganisms that cause respiratory Infections.
2. Define Sterilization and elaborate on sterilizations methods routinely used in Hospitals.
3. Describe systemic pathology of blood vessels and lymphatics.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Community Acquired Pneumonia.
2. Diagnosis of Mycobacterium tuberculosis.
3. H1N1 virus.
4. Common Upper Respiratory Infections caused by Bacteria.
5. Aspergillus.
6. General features of Inflammation.
7. Different types of bacterial toxins.
8. Acquired immunity.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Scarlet fever.
2. Define Hospital Acquired Infection.
3. Thrombophlebitis.
4. Disinfectant.
5. Laryngitis.
6. Oral thrush.
7. Acid Fast Stain.
8. Colonization.
9. Etiology of Empyema.
10. Mycoplasma pneumoniae infection.

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