

[LQ 0220]

FEBRUARY 2020

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. Write in detail about the sterilization procedures routinely done in hospitals.
2. Describe the various methods of transmission of disease with suitable examples.
3. Describe in detail about mycobacterium tuberculosis, giving emphasis to its morphology, cultural characteristics and lab diagnosis.

II. Write Notes on:

(8 x 5 = 40)

1. General features of inflammation.
2. What is asepsis?
3. Write in detail about lymphocytes.
4. Define and write about the types of carriers.
5. Candidiasis.
6. Write and draw bacterial flagellae.
7. Agents causing respiratory tract infection.
8. Innate immunity.

III. Short Answers on:

(10 x 3 = 30)

1. Multidrug resistance.
2. Normal microbial flora of the respiratory tract.
3. Metaplasia.
4. Gram stain.
5. Mantoux test.
6. Reversible cell injury.
7. Name three cellular adaptations to stress.
8. Any two functions of infection control committee.
9. Define emphysema and mention the types of emphysema.
10. Congenital anomalies of lung.
