

[AHS 0321]

MARCH 2021

Sub. Code: 2602

(AUGUST 2020 EXAM SESSION)

B.Sc. RESPIRATORY THERAPY

FIRST YEAR (Regulation 2014-2015)

PAPER II – MICROBIOLOGY AND PATHOLOGY

Q.P. Code : 802602

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:**(3 x 10 = 30)**

1. Classify the prokaryotic and Eukaryotic micro organisms that causes Respiratory infections?
2. Define disinfection and use of chemical disinfectants in the hospital.
3. Define inflammation, briefly explain about acute stage of inflammation.

II. Write Notes on:**(8 x 5 = 40)**

1. Factors affecting the bacterial growth.
2. Cellular adaptations.
3. Candidiasis.
4. Pathogenesis of atherosclerosis.
5. Hospital acquired infections.
6. Stages of irreversible injury.
7. Acid fast staining.
8. Discuss any one condition of restrictive lung disease.

III. Short Answers on:**(10 x 3 = 30)**

1. Gas sterilization methods.
2. Define Obstructive lung disease.
3. Bacterial growth curve.
4. Describe about special care for respiratory equipments.
5. Define atrophy.
6. Tyndallization.
7. Define necrosis.
8. Layers of arterial blood vessels.
9. Mantoux test.
10. Inflammatory signs.
