

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BOT 0921]

SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 6189

BOT DEGREE EXAMINATION

FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)

PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY

Q.P. Code : 786189

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is Suppurative Lung disease? Discuss clinical features, etiology and management options in Broncho-Pneumonia.
2. What is Exercise? What are the various ways to classify Exercise? Give examples. How do they affect the Pulmonary system differently? What restrictions in Exercise are needed in patients with COPD?

II. Write notes on:

(8 x 5 = 40)

1. Metabolic effects of Exercise.
2. Risk factors for Carcinoma Lung.
3. Tetralogy of Fallot.
4. Tracheostomy.
5. Chest leads in ECG.
6. Hemothorax.
7. Broncho Pulmonary Segment.
8. ABG Analysis.

III. Short answers on:

(10 x 2 = 20)

1. Scoliosis.
2. Dyspnoea.
3. Isotonic Exercise.
4. Sphygmomanometer.
5. Care of Intercostal Drainage Tube.
6. Defibrillator use in CPR.
7. Ventilation : Perfusion Ratio.
8. Aortic Stenosis.
9. Maximal Heart rate in Exercise.
10. Types of Ventilators.
