

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BOT DEGREE EXAMINATION
(Regulation from 2014-2015 onwards)

Sub.Code: 6189

FOURTH YEAR
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. Briefly describe the Blood supply of the Heart. Explain in detail the Etiology, clinical features, diagnosis, medical and surgical management of Myocardial Infarction.
2. Define Chronic Bronchitis and Emphysema. Explain in detail the Etiology, clinical features, diagnosis, investigations and medical management of Chronic Obstructive Pulmonary Disease.

II. Write notes on:

(8 x 5 = 40)

1. Muscles of Respiration.
2. Sneeze Reflex.
3. Exercise Testing: Indications and Physiological Principles.
4. Cor-Pulmonale: Causes, Clinical features and Diagnosis.
5. Pneumoconiosis.
6. Describe the effects of Exercise on Coronary Circulation.
7. Heart Lung Machine.
8. Cough Reflex.

III. Short answers on:

(10 x 2 = 20)

1. Pulmonary Function Test.
2. Postural Drainage.
3. Postero Lateral Thoracotomy.
4. Respiratory Acidosis.
5. Indications for Tracheal Intubation.
6. Dead Space.
7. Lymph Oedema.
8. Types of Murmur.
9. Massive Haemoptysis.
10. Emphysema.
