

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub. Code : 6169

BOT DEGREE EXAMINATION
(Regulations from 2010-2011 onwards)
FOURTH YEAR

PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the risk factors for Carcinoma Lung? Describe the clinical features of the Disease, Diagnosis and the various management options.
2. What happens to the physiology of the human body during Exercise? Describe in detail changes in Cardiac rate, Output, Cardiac work, Blood pressure, Pulmonary Ventilation, Oxygen Consumption, Carbondioxide Tension and Coronary circulation during a period of Exercise. How can we study these changes?

II. Write notes on:

(8 x 5 = 40)

1. Chest deformities in Rickets.
2. Muscles in Respiration.
3. QRS Complex.
4. Lung Function Tests.
5. Ventricular Septal Defect.
6. Postero lateral Thoracotomy.
7. Clinical features of Cardiac Failure.
8. CPAP.

III. Short answers on:

(10 x 2 = 20)

1. Emergency management of Pneumothorax.
2. Care of an Endotracheal Tube.
3. Chest leads in an ECG.
4. Management of Mitral Stenosis.
5. Lifestyle modification in Hypertension.
6. Cervical Rib.
7. Cardiac Failure.
8. Risk factors for COPD.
9. Sphygmomanometer.
10. Clinical features of Lung Abscess.
