

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

[LM 6169]

FEBRUARY 2018

Sub.Code: 6169

**BOT DEGREE EXAMINATION**  
**(Regulations for the candidates admitted from 2013-2014 onwards)**  
**FOURTH YEAR**  
**PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK**  
**PHYSIOLOGY**

*Q.P. Code: 786169*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss the clinical features, investigations, diagnosis and management of Chronic Obstructive Pulmonary Disease (COPD).
2. Discuss in detail the principles of Cardio Vascular stress testing.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Broncho pulmonary segments.
2. Ventricular Septal Defect (VSD).
3. Hemoptysis.
4. Cough reflex.
5. Patent ductus arteriosus.
6. Effect of exercise on blood pressure.
7. Haemothorax.
8. Ventilators – types and uses.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Scoliosis.
2. Funnel chest.
3. Clubbing.
4. Empyema thoracis.
5. Stroke volume.
6. Defibrillator.
7. Atrial fibrillation.
8. Jugular Venous Pulse (JVP).
9. Cardiac index.
10. Lung compliance.

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