

[LP 6189]

AUGUST 2019

Sub.Code: 6189

**BOT DEGREE EXAMINATION**  
**(Regulations for the candidates admitted from 2014-2015 onwards)**  
**FOURTH YEAR**  
**PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK**  
**PHYSIOLOGY**

*Q.P. Code: 786189***Time: Three hours****Maximum: 100 Marks****I. Elaborate on:** (2 x 20 = 40)

1. List some diseases that require Closed Heart Surgery. Discuss in detail the clinical features, diagnosis and management of patent ductus arteriosus.
2. Define Exercise. What are the benefits of exercise? Describe the effects of exercise on the cardiovascular and respiratory systems.

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

1. MET (Metabolic Equivalents).
2. Cough reflex.
3. Positive pressure ventilation.
4. Posterolateral thoracotomy.
5. Management of COPD.
6. Pulmonary tuberculosis.
7. Lung function tests.
8. Symptoms of cardiac failure.

**III. Short answers on:** (10 x 2 = 20)

1. Isometric exercise.
2. Rib fractures.
3. Cardiac massage in CP
4. Post-extubation care.
5. White coat hypertension.
6. P wave in ECG.
7. Management of carcinoma lung.
8. Cyanosis.
9. Oxygen debt.
10. Muscles of respiration.

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