

[LQ 6189]

FEBRUARY 2020

Sub.Code: 6189

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

*Q.P. Code: 786189***Time: Three hrs****Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 20 = 40)**

1. What are various long term effects of Exercise? Discuss circulatory, morphological and biochemical adaptive processes in long term exercise training.
2. List some types of Chest trauma/injuries. Discuss in detail clinical features and management of Pneumothorax.

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

1. Ventricular septal defect.
2. Lung abscess.
3. Tracheobronchial tree.
4. QRS complex in ECG.
5. Aerobic and anaerobic exercise.
6. Management of systemic hypertension.
7. Pigeon chest.
8. Postoperative management of Pneumonectomy.

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

1. Thoracic movements in respiration.
2. Median sternotomy.
3. Exercise classification on basis of intensity.
4. Preoperative assessment in Tracheostomy.
5. Mitral stenosis.
6. Angina.
7. Empyema.
8. Exercise and muscle strength.
9. Cardiomyopathy-clinical features.
10. Artificial respiration.

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